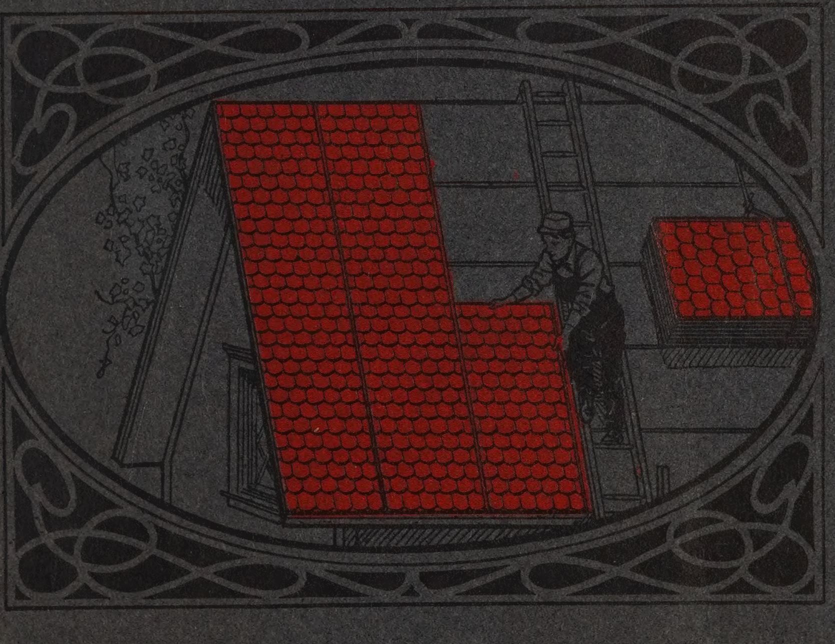
EDWARDS METAL ROOFING



THE EDWARDS MANUFACTURING CO.

THE LARGEST MAKERS OF
IRON AND STEEL ROOFING IN THE WORLD

CINCINNATI, OHIO

$ 75

A FEW FACTS PLAINLY TOLD
SETTING FORTH THE MERITS OF

Edwards Metal Roofing, Siding, Ceiling, Etc.

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The Edwards Manufacturing Co.
CINCINNATI, OHIO
U. S. A.

MAY—1911

To our Friends and Customers

* * * *

In glancing over the pages of this catalog, you will note that we manufacture a most complete line of Metal Roofing and Siding, in fact, everything in Sheet Metal Building Material, a line so complete, that it has taken over twenty-five years of experience for us to reach our present position.

We have always made our products the best we know how, of honest materials and in an honest way.

For we believe that the only way to build up a big business is to give full value for the money—always.

And our success has come by giving everybody a square deal, until now we are *the Largest Manufacturers of Iron and Steel Roofing in the Country.*

If you want a roof for your barn, we can supply it, or if you wish to roof a mansion you will find that our Metal Shingles and Spanish Tile are appropriate. Should you have an old building that needs remodeling, our Steel Brick or Stone Siding will give it an appearance that will be surprising to you. Many of our customers have taken old, worn out, tumbledown buildings, and by putting a new roof and siding on same, made them look like new.

The cost of this is insignificant compared with the cost of ordinary building material, and we cannot impress on you too strongly that everything we manufacture is made with the end in view of permitting an ordinary mechanic to apply same.

Our immense factory is equipped with modern machines and appliances, made especially for our business. In fact, we own the first machine built in this country for making Iron Roofing, and it is still doing noble service to-day.

Our customers who call and see us at our plant are always astonished at the simplicity coupled with the ingenuity of construction of all our material, and should you have an opportunity to visit Cincinnati, we would be very glad indeed to have you call and see us.

Every order, large or small, receives prompt and individual attention

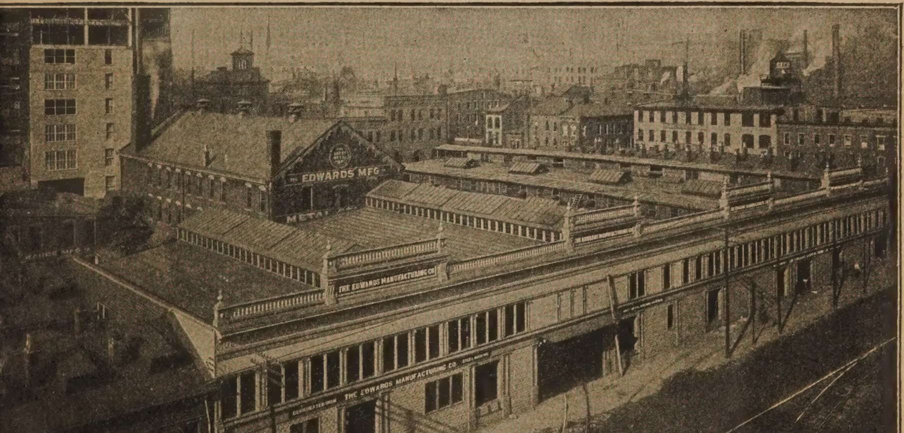
REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

The picture here shown may give you some idea of the magnitude of our big plant. A special switch-line runs into it, so all we have to do is to load the roofing into the cars and ship it directly to you. We are not merchants or jobbers, but manufacturers, and make everything we sell. In this way we give you rock-bottom prices, and assure you only first-class goods in every respect.

OUR FINANCIAL STANDING

We have over a Half a Million Dollars invested in our plant, and would refer you to the Commercial Agencies of R. G. Dun & Company, or Bradstreet or any bank in Cincinnati.

THE EDWARDS MANUFACTURING COMPANY,
CINCINNATI, OHIO



REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

A Metal Roof Lasts a Lifetime

If we could say no more, this would be a stronger argument than the manufacturers of any other style of roofing can make.

For it naturally follows that if it will outwear any other kind of roofing, it must have all the good qualities which they lack, and more besides.

In the first place, take wood. It used to be that you could get good straight-grained wood shingles that made a fairly good roof. But they rotted, blew off or absorbed moisture and soon started leaks. And now you can't even get *good* shingles. They are cut from sappy timber by machinery, full of knots and splits, and may last three years; with constant repairing they may even last eight or ten years. With lumber the price it is now, what will it be ten years from now when you have to put on a roof? Think that over.

There are about 300 different composition and prepared roofings on the market. There must be a big profit in them for the manufacturers, or there wouldn't be so many of them. Yet about the only difference in them to you is the price. Some sell as low as $1.00 per square for one-ply, and some as high as $4.00 per square for three-ply. and any man would be foolish to put on a composition roofing thinner than 3-ply if he expected it to last even for a short time.

These composition roofings all have a base of tar or asphalt on paper, felt or burlap body. Can you imagine anything that would catch fire easier? We are ready to offer $100 for any sample of composition roofing that will not ignite when a lighted match is held under it. Try it yourself and see. Then think of having a roof on your house or barn that invites destruction like that. Think of exposing your family, your live stock and your machinery to such constant danger. Note the beautiful appearance of our roofing as compared to composition roofing.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

The buildings on the farm or in any community are usually in groups. So if one catches fire, it is almost a dead certainty that the flames will be communicated to the others. As there is little fire protection, the result is a total loss. A METAL roof is the best kind of insurance against fire.

You don't save anything anyway by using composition roofing. For it only lasts three or four years, and then you are put to the expense of buying new roofing and the cost of labor and time of putting it on. And if you buy the best prepared roofing, it costs as much and sometimes more than metal roofing. In the summer the tar and pitch boils in the sun, and clogs the gutters and rain-pipes, a splendid breeding place for germs. It dries and cracks and soon becomes mere dried pulp with no protection whatever against fire, water or weather. One man who used it disgustedly calls it "Imposition" roofing.

Slate roofs are heavy and unwieldy. They weigh about 700 lbs. to one hundred square feet. They are so brittle, they split and crack with the freezing and thawing of winter. A windstorm will often work havoc with them. And they are very expensive, both in first cost and in repairs. A slate roof may be all right for a man who doesn't care how much he spends, but if you are looking for the best all-around roof you can get, you will buy Edwards Metal Shingles. We make many kinds, and all are good. You choose the kind best adapted to your needs, and you will find it the handsomest, cheapest and most durable roof you can lay.

An ordinary steel painted roof is protected by the paint from the weather, and will give excellent service.

We recommend our Galvanized Roofing, however, for its zinc covering needs no paint, is rust-proof and germ-proof. This also insures clean, pure rain water in your cistern.

We give an absolute guarantee against lightning.

Some people think that a metal roof is susceptible to lightning, but this is not so. Should lightning strike a metal roof, the electricity is scattered and passes off harmlessly into the atmosphere. Ask anyscientific man, and he will tell you the same. We have never heard of a single case where a building covered with an Edwards metal roof has been injured by lightning. We will refund the money you pay us for metal shingles if lightning strikes and damages your roof, and furnish an ironclad Guarantee Certificate to this effect.

That shows our confidence in the lightning-proof qualities of Edwards Metal Shingles.

An Edwards Metal or Reo Shingle roof will reduce the cost of your fire insurance, for it is the best protection against fire a building can have. You who live out of reach of water-works, know how true this is—how nearly impossible it is to stop a fire on a wooden or composition roof, or prevent it spreading to other buildings. If a metal roof cost ten times what it does, it would be worth it in protecting the lives of your loved ones, and saving the loss of valuable horses, machinery and stored crops.

Any one who can use a hammer and nails can lay an Edwards Metal Shingle roof. It can be laid on the rafter boards, or directly over the old wood shingles. No special tools are required.

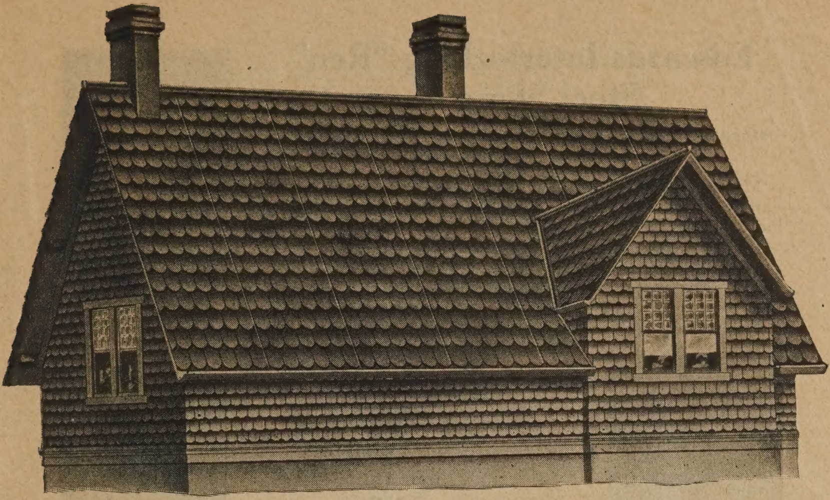
By our special interlocking device, expansion and contraction is provided for in hot and cold weather. This roofing never warps out of shape, buckles or breaks.

In stamping the Edwards Metal Shingles out of the sheet steel, a quick blow of 25,000 lbs. is struck and this tremendous pressure gives a clear, sharp impression without cracks, breaks or roughness.

Our Galvanized Steel Shingles are dipped each sheet separately in the "spelter" or molten zinc. This gives a uniform coating and covers the edges so there is no raw surface anywhere exposed to the weather and possibility of rust. No other manufacturers do this. They cut the sheets *after* they are galvanized, leaving a raw edge exposed to rust. As we carry different lengths in all styles, cut to size *before* they are galvanized, it is not necessary for us to cut the roofing to fit any size roof.

An Edwards Steel roof lasts a life-time. You lay it once, and it's there as long as the building stands, durable, needing no repairs and beautiful in appearance. Its cost is many times less in the long run than any other style of roof on the market to-day.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF



Edwards Steel Cluster Shingles

This picture shows a house, the roof covered with **Edwards "REO" Shingles,** and the siding with **Edwards "PRINCESS" Steel Shingles.**

A roof like the one in the illustration covered with Edwards Steel Shingles (Galvanized) would cost about $52.50. Of course, it is impossible for us to state exactly what it would cost to cover your house until we get the exact dimensions. You can figure this out for yourself from the enclosed price-list, or if you will fill out the measurements on the order blank, and send to us, we will tell you exactly what it will cost in the style you select, delivered freight paid to your station.

These shingles in appearance look exactly like fine cut wood shingles, but they are five times as durable and cost much less. They come in sheets, as described on the following pages, and can be laid with no other tools than a hammer and nails. Note the patent interlocking in the diagram on the next page. This provides for expansion and contraction, and makes an absolutely water-tight seam. No moisture can get to the nails to rust them. (See Edwards Galvanized "Never Rust" Nails, page 38.)

The Painted Shingles are made of the best Bessemer steel, covered both sides with pure linseed oil, and the best metallic oxide paint.

The Galvanized Shingles are made of the same steel, but coated with hot spelter or zinc. This makes it unnecessary to paint them, and they will not rust and are more lasting than painted steel. We recommend the Galvanized.

We furnish a signed Guarantee Bond against Lightning, and will refund the money paid for our Shingles in case your roof is struck or damaged by lightning.

No handsomer or more economical roofing is made than our Edwards Steel Shingles, for any size or style of building.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

Edwards Interlocking "Reo" Steel Shingles

Attractive in Appearance, Cheap, Durable—Fire Proof—Lightning Proof—Rust Proof.

Manufactured from No. 28 Gauge Best Quality Galvanized Steel and Bessemer Steel Painted, in Sheets 5-6-7-8-9-10 and 12 ft. long; covering width 24 inches.

Easily applied—a hammer and nails the only tools necessary. Will reduce your insurance cost 20 percent. The water that comes from a "Reo" roof is free from color and sediment and as clear as the purest holly or well water.

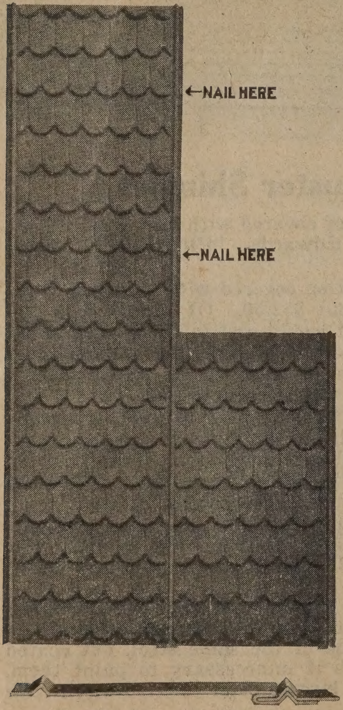


Fig. 364 (Patented)

"Reo" Steel Shingles, with Patent Interlocking Device, providing scientifically for expansion and contraction.

Weight per 100 Square Feet:

Steel Painted 75 lbs.

Steel Galvanized 85 lbs.

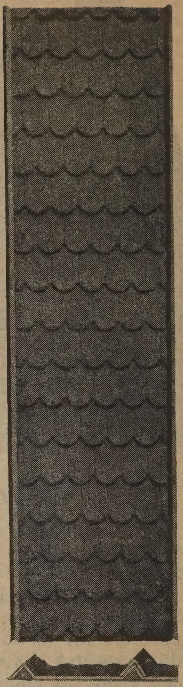
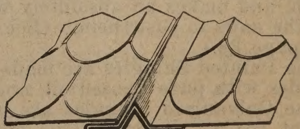


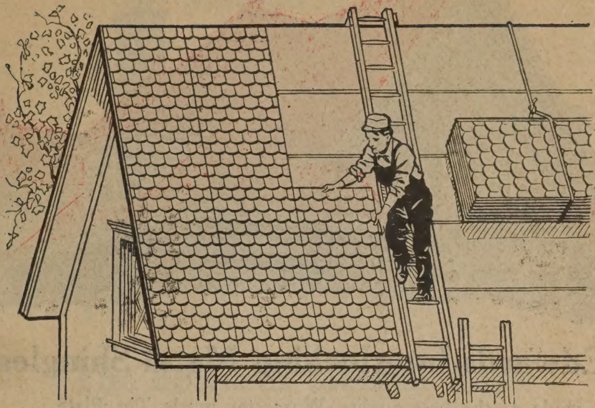
Fig. 365 (Patented)

"Reo" Steel Shingles, with V Crimp Edge, also furnished with Pressed Standing Seam Sides, in which case no wood sticks are needed.



Note construction of Patent Interlocking Device, protecting nail heads from the weather and making the roof absolutely water-tight.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF



DIRECTIONS FOR APPLYING "REO" CLUSTER SHINGLES

Always begin at the **left hand** side of roof and work to the **right.** Start at the lower **left hand** corner at the **eaves.** Place the sheet on the roof and turn the **left hand** edge of the sheet down about one inch and nail through the sheet into the edge of the sheathing board. Then nail along the **right hand side through the nailing flange,** near the lock or slip joint.

If it is necessary to use two or more sheets to reach from the eaves to the comb or ridge, the same manner of application is repeated by allowing one sheet to lap over the other **at the ends.** Always *work* **from the eaves to the comb or ridge.** The next sheet is **inserted** into the **lock** or **slip joint** and the nails are driven into the nailing flange on the **right hand** side. The same operation is repeated as each sheet is applied.

NOTE—Edwards' "Perfection" V-Crimp Roofing shown on page 31 is applied in the same manner as above.

Princess Steel Cluster Shingles

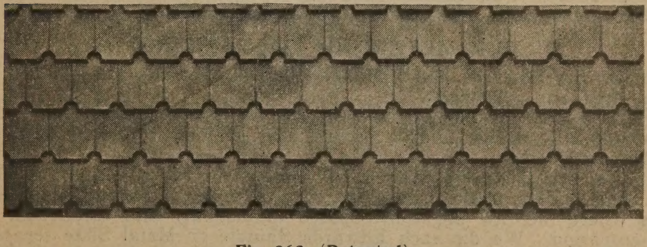
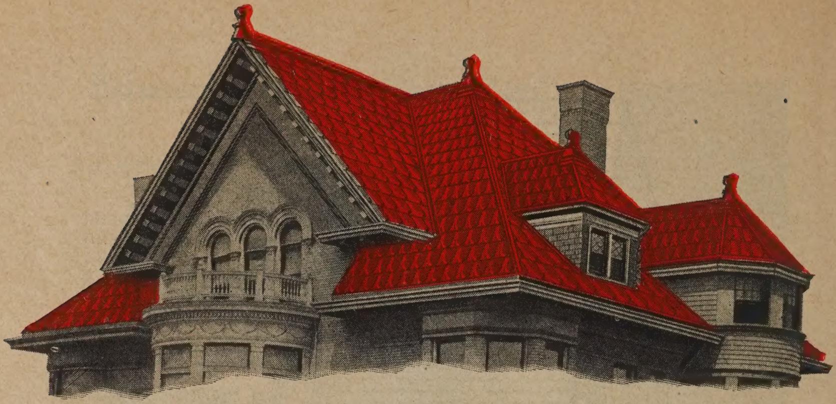


Fig. 363 (Patented)

Princess Cluster, particularly adapted for siding and finishing gable ends, made to lap one-half shingle at sides.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF



Edwards Interlocking Metal Shingles

Are made of the best quality Worcester grade Tin Plate.

Our Painted Tin Shingles and Slate are the best painted, without any exaggeration.

Our Galvanized Tin Shingles and Slate are the only ones that are packed at the galvanizing pot; all others are either *Stamped Afterwards,* which peels the coating or else the *Lock is scraped when the Coating is hot,* which leaves spots entirely uncoated.

Packed in boxes containing one square, which will lay 100 square feet on building.

Painted Tin Metal Shingles and Slate will weigh about 70 lbs. Galvanized, 90 lbs. per 100 square feet.

These make a handsome, long-wearing roof, similar to slate, but without the heaviness and liability to splitting and cracking that slate has.

They do not warp or rot, as wooden shingles do, and will last as long as the house does.

As they are applied only with hammer and nails, there are no soldered joints, and they may be removed from one building and put on another, if desired.

As each Metal Shingle or Metal Slate is stamped out from the same die in the same machine, they are exactly alike, and when laid, fit each other precisely. This makes them easy to lay, as it is simply a matter of following straight lines, and any competent mechanic can lay them.

OUR METHOD OF GALVANIZING.

After the Edwards Metal Shingles and Metal Slate are stamped into form, they are galvanized.

This is done by dipping each shingle or slate separately into a bath of melted zinc, which adds a second coat of almost twenty pounds to the 100 square feet.

Some manufacturers place their shingles in racks and dip a dozen at a time. This method does not give a uniform coating, and leaves spots where the raw metal is exposed to moisture and consequent rust and corrosion. We dip each Edwards Shingle or Metal Slate separately by hand, covering it completely with "spelter," so there is absolutely no opening for water to rust it.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

Our Method of Painting

All Edwards Tin Shingles and Slate are painted with "The Edwards" Metallic Paint, before leaving the factory.

Our method of painting is to dip each shingle or slate in a tank of sufficient depth to thoroughly cover same.

This process insures a perfect coating both sides, including the lock, which is very important.

The shingles are allowed to stand for several days, for the purpose of drying slowly and thoroughly, before being put into boxes for shipment.

All painted Tin Shingles should be given a second coat as soon as convenient after being laid on the roof, and should have an additional coat from every three to five years, this depending largely upon location where shingles are used.

With this protection there will be practically no wear to the shingles and you have a roof that will last indefinitely.

The Edwards Metallic Paint

Those of our friends and customers who desire paint, we will furnish *at actual cost to us,* The Edwards Metallic paint made under our own formula, of pure boiled linseed oil, best Oxide of Iron, and other special ingredients, known only to us.

As a matter of convenience it is put up in 1, 3, 5 and 10 gallon cans.

A gallon will cover about 300 square feet of surface.

DIRECTIONS FOR APPLYING.

Commence at lower left hand corner of roof. In starting be particular to see that the first course of shingles is started straight. To do this, it is best to draw a chalk line 12 inches from the eaves of the roof. This distance leaves two inches to project over the eaves, which in most cases is more than enough. The shingle is nailed to the roof boards at nailing flange on right side of shingle.

Two nails should be used for 7 x 10 or 10 x 14 size; one at top and one at bottom, each about two inches from end of shingle.

With the 14 x 20 size, an additional nail should be used in center of nailing flange. Do not hammer down the locks of the shingle. All that is required is to nail them. Every other course begins with half shingle.

Flashings

Our Metal Shingles are laid on the same rules that govern the laying of Wood Shingles or Slate. In flashing against a side wall, bend the shingle so as to project up the side of the wall three inches, and counterflash down to the roof line. These directions apply to dormers, chimneys, skylights, etc.

On pages 62 to 84 we show photographs and letters from delighted owners who have laid Edwards Metal Shingles on their roofs. See these pictures and read the letters—they tell their own story.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

Edwards Metal Slate

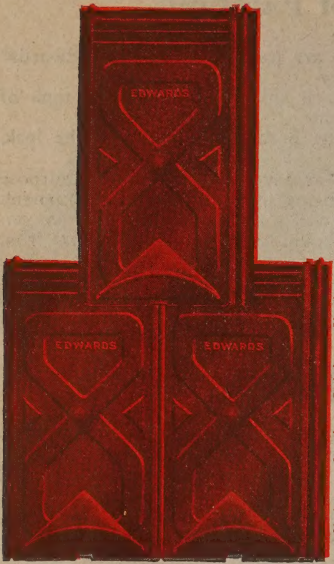


Fig. 152

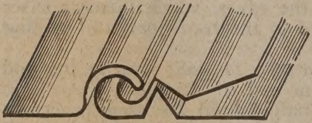
Made in sizes

7x10, 10x14, 14x20 inches

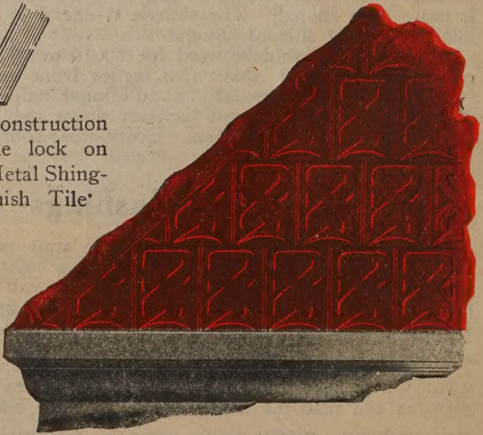
Made of the best quality Worcester Grade Tin Plate furnished either painted or galvanized (galvanized after formation:) They can be applied without soldering, the use of special tools and by an ordinary mechanic. A surpassingly beautiful roof covering of extreme lightness and durability.

Are better than Stone Slate which is heavy, cracks in extreme cold weather or under sudden changes of temperature; fades in color, is exceedingly difficult to repair, and can only be applied on very steep surfaces.

Edwards Metal Shingles and Metal Slate are light in weight; require only a very light roof construction, which is in itself a very marked saving in the cost of any building.



Note the construction of patent side lock on all Edwards Metal Shingles and Spanish Tile.



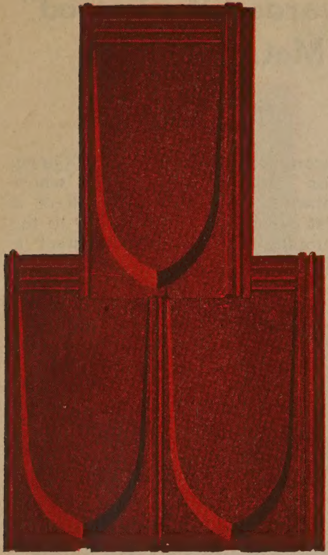


Fig. 157

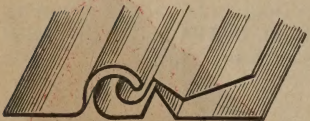
Edwards "Queen Anne" Metal Shingles

Size 10x14 in.

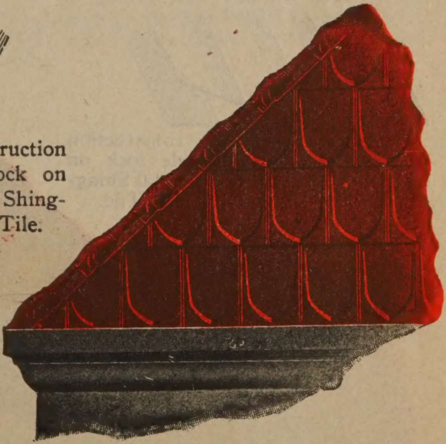
The Edwards Metal Shingles and Metal Slate are without exception the most perfectly constructed Metal Roof covering so far produced. Note the rich contrast and the perfect embossing, permitting each Shingle or Slate to lay perfectly level and uniform on the roof, the embossing allowing the air to circulate freely, thereby preventing corrosion and rust and keeping the roof cool.

A Metal Shingle Roof is perfectly clean; this is an important consideration where the water from the roof is collected in cisterns.

Cistern water from a Metal Shingle Roof is pure, clean and wholesome.



Note the construction of patent side lock on all Edwards Metal Shingles and Spanish Tile.



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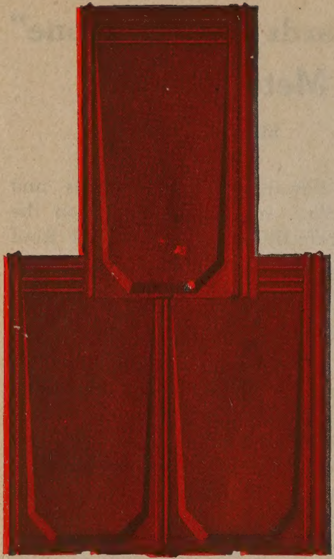


Fig. 158

Edwards "Rookwood" Metal Shingles

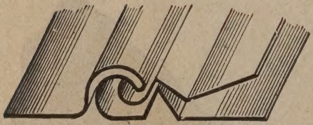
Size 10x14 in.

We recommend the use of our "Queen Anne" or "Rookwood" patterns where ornamentation or architectural effect is given first consideration, as owing to the deep stamping a much bolder effect is obtained.

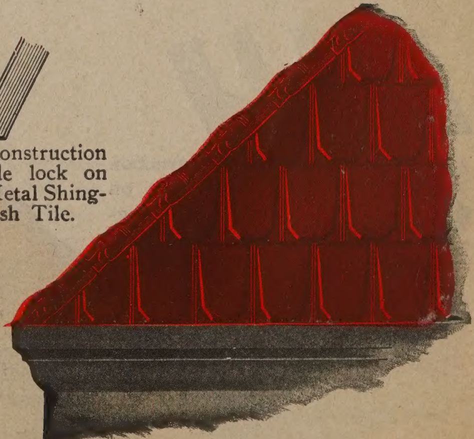
"The Edwards" is the only side lock Shingle or Slate through which water will not seep, and that provides perfectly for expansion and contraction of the metal.

A Metal Shingle Roof is economical—it is an investment rather than an expense.

A building covered with a roof that requires no repairs is worth more in buying and selling. The first cost of a Metal Shingle Roof is the only cost excepting the slight additional cost of an occasional coat of paint.



Note the construction of patent side lock on all Edwards Metal Shingles and Spanish Tile.



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Edwards "Ajax" Metal Shingles

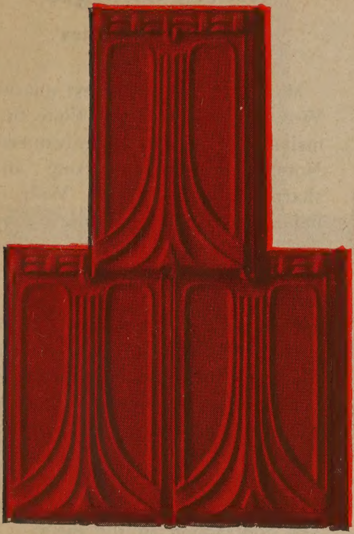
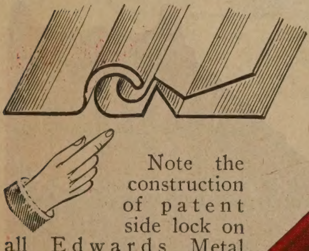


Fig. 160

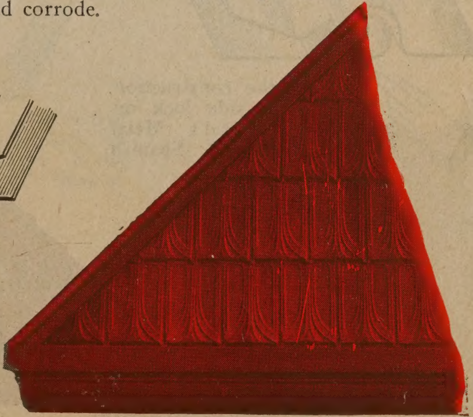
After years of study and costly experiment we now offer you in our new "AJAX" the most perfect Metal Shingle that was ever invented. The "AJAX" not only defies lightning, but when properly applied is absolutely Wind, Weather, Storm and Fire-proof, as owing to the peculiar construction of the patented side-lock, it is impossible for the hardest rain or driving snow to penetrate. It is pronounced by Architects and Contractors, "the best Shingle" they have ever seen; note particularly the perfect embossing and sharpness of pattern.

Then, there is the patented "Lock that Locks," which provides automatically for expansion and contraction of the Metal. These shingles are manufactured from best quality Worcester Grade Tin Plate, furnished painted or galvanized (galvanized after formation).

The Edwards galvanized Tin Shingles are the only ones that are packed at the galvanizing pot; all others are either **STAMPED AFTERWARDS,** which peels the coating or else the **LOCK IS SCRAPED WHEN THE COATING IS HOT,** which leaves spots entirely uncoated, causing them to rust and corrode.



Note the construction of patent side lock on all Edwards Metal Shingles and Spanish Tile.



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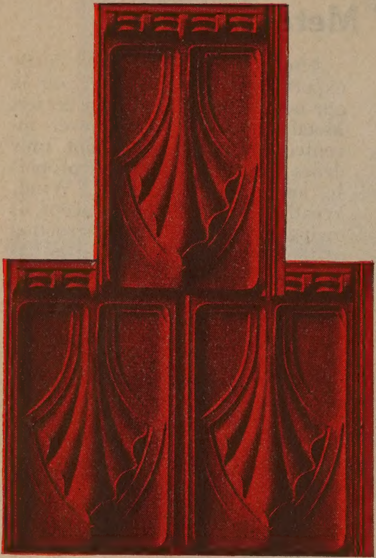


Fig. 104

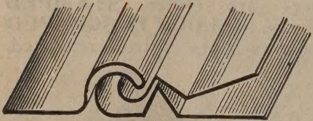
Edwards "Gothic" Metal Shingle

Size 10 x 14 Inches

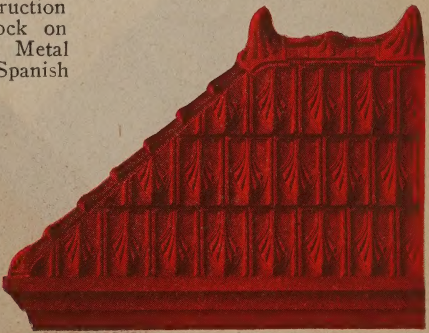
Manufactured from best quality Worcester Grade Terne Plate furnished painted or galvanized. Note the bold embossing and sharpness of pattern. Make a handsome long wearing roof. Easily applied with hammer and nails. No soldered joints to pull apart.

Our new interlocking device used exclusively on all Edwards' Shingles and Tile is giving universal satisfaction as, owing to its peculiar construction, it is absolutely impossible for water to penetrate.

It also provides for expansion and contraction of the metal.



☞ Note the construction of patent side lock on all Edwards Metal Shingles and Spanish Tile.



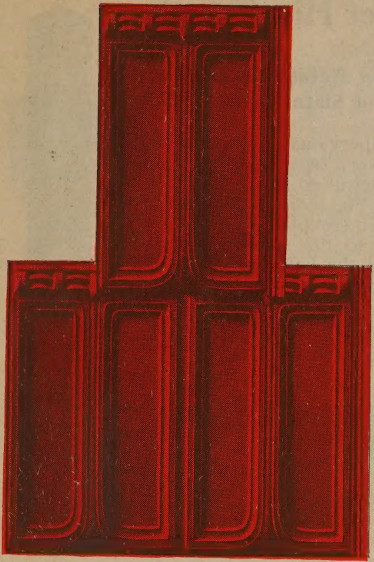


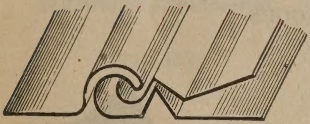
Fig. 118

Edwards "Colonial" Metal Shingle

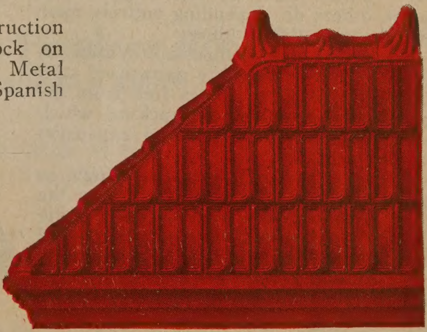
Size 10 x 14 Inches

In our new "Gothic" and "Colonial" Metal Shingles, we offer something out of the ordinary. Both are models of the very highest class of architecture. Every line is well defined and the patent interlocking device is mechanically perfect. A thoroughly solid water tight joint is assured. These patterns can not be excelled for artistic finish, beauty of outline, durability and the fact that they can be taken off of one building and placed on another without damaging the Shingles.

Made from the same high grade material as our other Shingles and Tile and packed in patent wire bound boxes, each box containing one square which will cover 100 square feet on building.



Note the construction of patent side lock on all Edwards Metal Shingles and Spanish Tile.



Edwards Perfect Hip Shingles

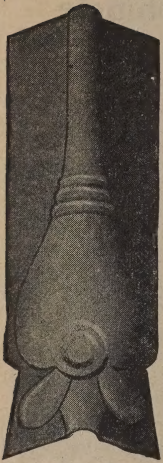


Fig. 360

Can be Applied on Metal Shingle, Wood Shingle or Slate Roofs

Are absolutely impervious to rain or snow. Acknowlodged the very best hip covering that can be used—far superior to the ordinary wood or metal rolls and the work of laying them considerably less. No trouble to lay them even and straight, owing to the offset or shoulder fitting snugly against the butts of the shingles, forming a gauge, and a protection from driving showers of rain or drifting snow.

Made in Tin, Galvanized Iron and Copper.
Size, 4 x 9 inches.
" 5 x 12 "

Packed 100 in a box ready for shipping.
Weight per 100 shingles:

Tin, Painted.	Galvanized.
4 x 9—30 lbs.	4 x 9—35 lbs.
5 x 12—35 lbs.	5 x 12—40 lbs.

Edwards "Imperial" Galvanized Valley

FOR SHINGLE ROOFS

A very important feature about a good roof is to have a perfect Valley or Gutter. Some roofs do not require any, while others do, depending entirely upon the shape of the building.

The Edwards "Imperial" Valley is made of the best quality galvanized steel in 10-foot lengths, and is free from the annoying possibility of cracking which is caused by contraction and expansion of the metal.

In laying the valley, cut the shingle so it extends to about one-half inch over the lock, and bend it under. In starting from the valley, it is best to hold several shingles together and tack them at top, then with a straight edge mark and cut where they overlap the valley; with a pair of tongs edge and lock them to the valley.

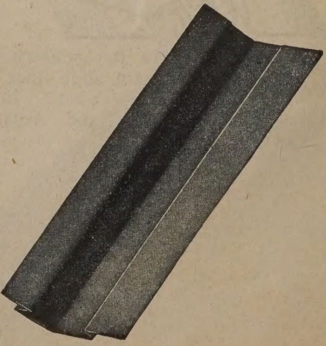


Fig. 361

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

Edwards Porch Flashing

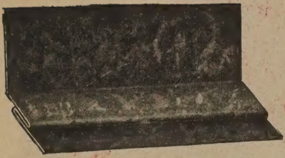


Fig. 366

Made of the best quality Galvanized Steel, with the fold on one side only. Into this fold the top end of the last course of Shingles or Slate is entered. The other side is left plain. If the wall is frame, the upper edge of flashing should go under the weather board; if the wall is brick, upper edge is inserted in the mortar, and made tight with cement.

The Edwards Porch Flashing is to be used only on porches and shed roofs, where the roof connects with the main building parallel with the eaves, and must not be used down the slope of the roof.

Edwards "Imperial" Ridge Roll

FOR SHINGLE ROOFS

Makes a Neat Water-proof Cap for the Ridge of Roofs

THE EDWARDS "IMPERIAL'

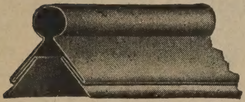


Fig. 362

Ridge Roll is made from one piece of Metal Folded as shown, the shingles being inserted into the folds over the nailing flanges thus protecting the nail heads from the weather.

Made of Best Quality Galvanized Steel, in 10-foot lengths only.

Edwards Gable Finish or Roof Starter

FOR SHINGLE ROOFS

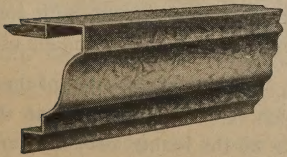
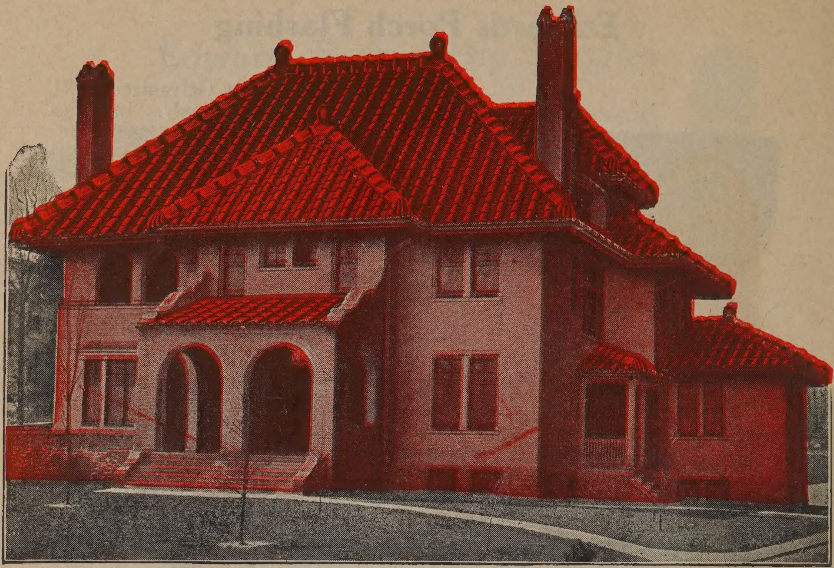


Fig. 396

Made of best quality Galvanized Steel in 10-foot lengths.

The Shingles being inserted in the slot over the nailing flange, as shown, thus protecting the nail heads from the weather. An ornamental finish for your roof.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF



An Edwards Metal Spanish Tile Roof

Rightly Termed The "Most Beautiful Roof in The World."

When the Moors were driven out of Spain, they left behind them the art of making beautiful earthen ware Roofing Tiles that lend such charm to many of the ancient buildings still standing in that historic country.

Thousands of people have admired these decorative, harmonious earthenware Spanish Tiles, and wished to have their roof similarly covered, but on account of their evident disadvantages have chosen a more practicable, if less beautiful style of roof.

Their great weight, liability to breakage and displacement, with consequent leakage, and their high cost have kept them from more common use.

We have produced in light, strong metal, an exact reproduction of these beautiful Spanish Tiles, and can furnish them at much less cost than the earthenware tiles. This enables you to enjoy all the beauty, ornament and advantages, without danger and disadvantages and at a strikingly low cost.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

Edwards Metal Spanish Tile

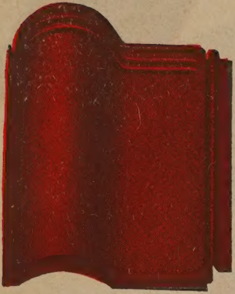


Fig. 367
Metal Spanish Tile for main part of roof.

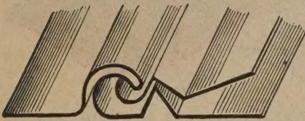
Are manufactured from our special brand of Tin Plate and are furnished either Tin Painted or Tin Galvanized (galvanized after formation), size 10 x 14 inches.

Our Method of Manufacture.

After the sheets are perfectly squared and cut to the required size, they are fed into a powerful press which stamps out the design, each tile being a perfect counterpart of the other, so that laying them on the roof is but a matter of following straight lines.

They can be applied without soldering, the use of special tools and by an ordinary mechanic at a very moderate cost.

Our Tin painted Tiles are given a good substantial coating both sides of our special Tile paint which is an exact imitation of the clay Tile in color. Our Tin Galvanized Tiles are dipped (after being stamped) into a bath of Melted Zinc, each Tile separately adding a second coat of almost 20 lbs. to the 100 square feet, thereby giving them a uniform coating and leaving no raw edges exposed to corrode and rust.



☞ Note the construction of side lock on our Shingles and Tile.

The method of interlocking forms the only perfect system of expansion and contraction, so essential in securing an absolutely water-tight roof. While in the majority of cases our Tiles have been applied only on new buildings, they can just as readily be used on old buildings.

Send us the dimensions of your building, and we will forward the exact cost of material, delivered f. o. b. your nearest railroad station.

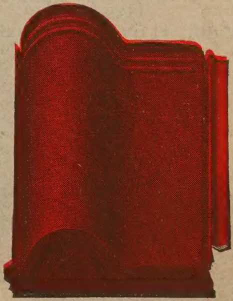


Fig. 369
Metal Spanish Tile Starter or Eave Tile, with closed ends, for edge of roof at gutter.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

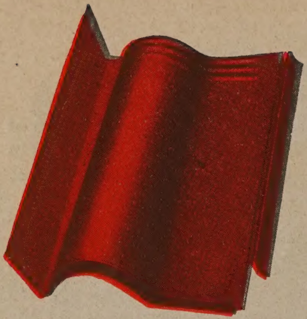


Fig. 399
Metal Spanish Tile—Side Wall Flashing.

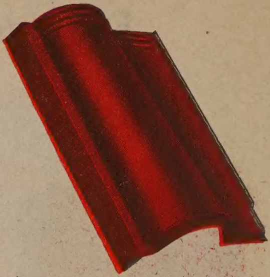


Fig. 400
Metal Spanish Tile—Gable Starter.

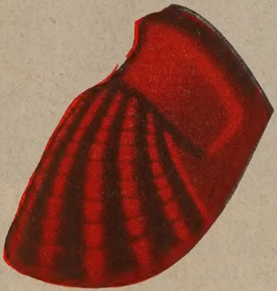


Fig. 393
Metal Spanish Tile—Hip Starter.
Height, 9 in.
Width, 11 in. Length, 18 in.

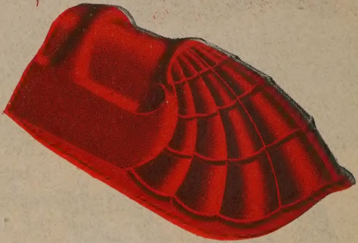


Fig. 324
Metal Spanish Tile—Hip Starter.
(small) Height 5 in.
Width 7 in. Length, 11 in.

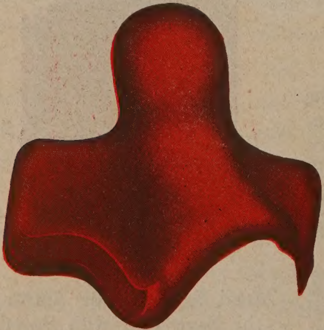


Fig. 392
Metal Spanish Tile — Ridge and Hip Terminal (side view).
Height, 18 in. Width, 20 in.

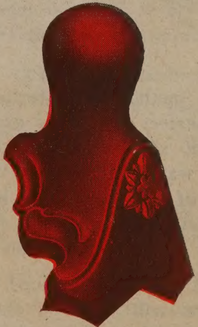


Fig. 321
Metal Spanish Tile—Gable Finial.
Height 18 in.
Width 11 in. Depth 10 in.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

Metal Spanish Tile

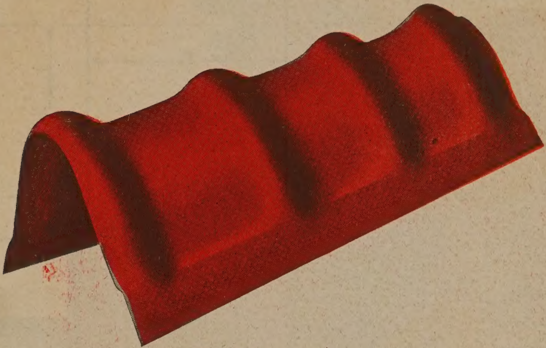


Fig. 370. Hip Finish

Height, 9 inches. Width, 11 inches. Length, 26 inches.

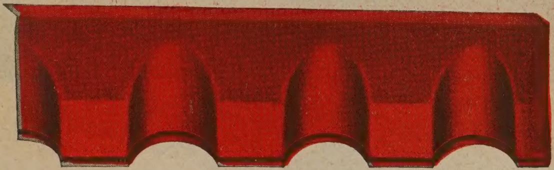


Fig. 379
End Wall, Porch or Deck Flashing

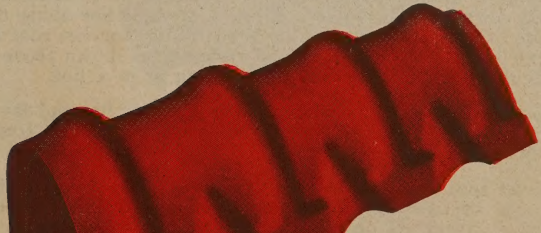
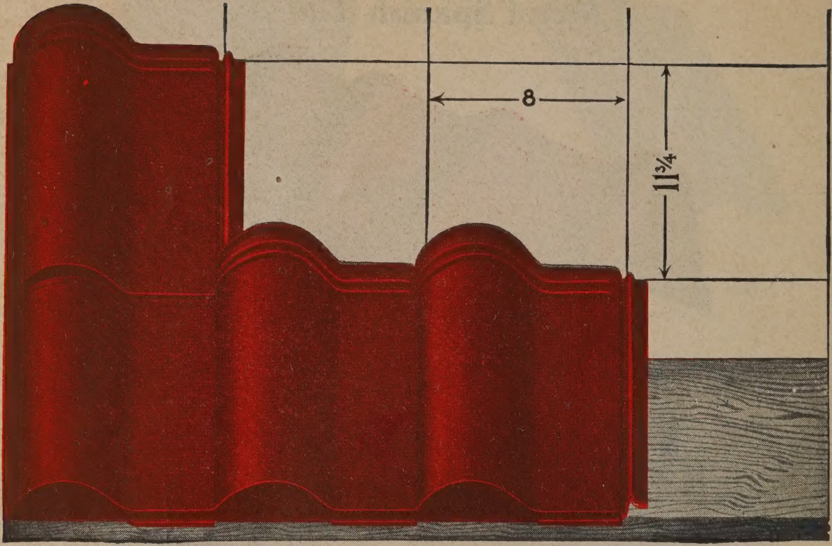


Fig 372. Finish for Ridge of Roof

Height, 9 inches. Width, 14 inches. Length, 24 inches.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF



Directions for Applying Edwards Metal Spanish Tile

First apply a flashing along eaves of roof, about 4 inches or wider, edges turned down at right angles. Draw a straight line along the eaves from one side of roof to the other. See that this line touches roof its entire length. Next line roof up and down and crosswise as shown above, keeping all perpendicular lines at right angles to starting or eave line.

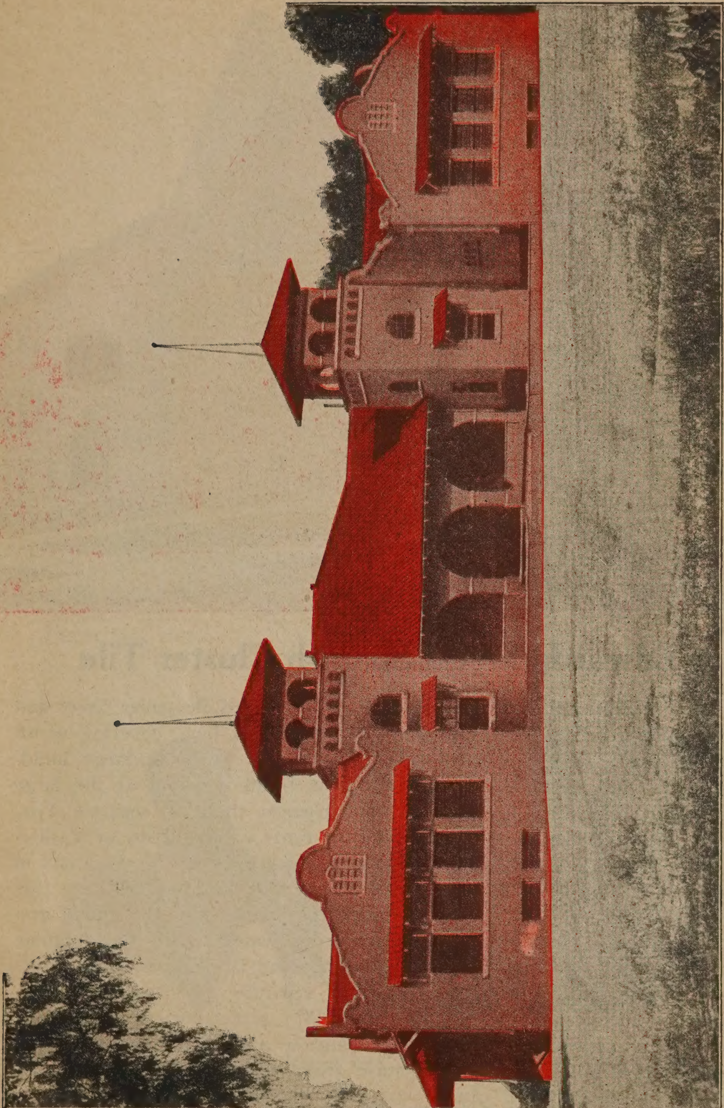
Commence at extreme left of roof near gable or hip and lay starting course, keeping bottom part of tile true to eave line and also true to perpendicular lines.

Do not let tiles project over edge of eaves. The nailing edge is on right-hand side of tile. Lay next course, lapping over first course just enough to cover storm ribs on upper part of tile; now lay third course and so on up to ridge of roof.

On hips put up a strip of wood 3½ inches wide by 2 inches thick and cut tiles to fit close up to same; on this put hip tiles, cutting them to fit rounds of roof tile; on ridges put a strip 3 inches wide by 2 inches thick and fit ridge tiles over this.

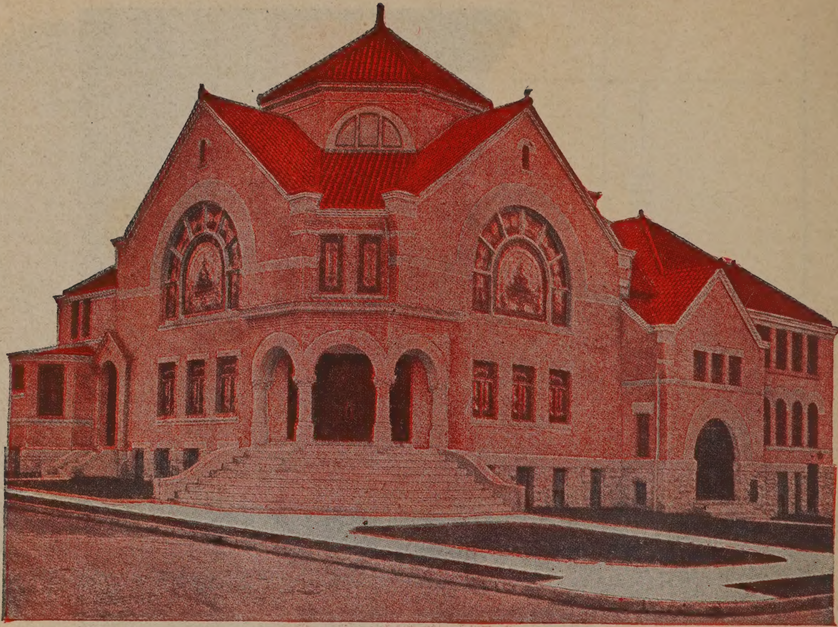
In finishing to valleys, cut tiles so as to make a straight line and fill open part of round part of tile with metal and solder to valley; do not nail through valley.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF



New School Building at Duarte, California, covered with Edwards Metal Spanish Tile, furnished by The California Builders Supply Co., Inc., Los Angeles, California.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF



Edwards Metal Spanish Cluster Tile

Are manufactured from best quality Galvanized Bessemer Steel and Heavy Tin (Terne) Plate, in sheets 8 and 10 feet long, covering width 16½ inches. They are particularly adapted for covering large buildings, Churches, School Houses, Apartment Buildings, etc., as the large sheets can be applied more quickly and cheaper than the separate Tile. While we recommend our Cluster Tile for roofs without Hips or Valleys it can be applied equally as well on Hip roofs but there is some waste in cutting. We furnish a special starter or Eave Tile (see Fig. 309) for this roofing, with closed ends; this prevents the water from the gutter getting under the sheets and makes your roof water tight. Our regular fixtures, Hip and Ridge finish, Finials, etc., can be used and the directions for applying are the same as our separate Tile (see page 24). Note the Interlocking Device (see Fig. 337) protecting the nail heads from the weather, providing for expansion and contraction, keeping the roof cool and preventing moisture from accumulating on the under side of the sheet which causes rust and corrosion.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

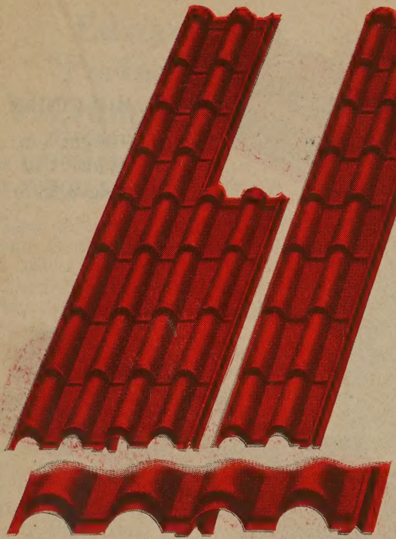


Fig. 337 (Patented)

Metal Spanish Cluster Tile—Sheets 8 and 10 ft. long, covering width 16½ inches.

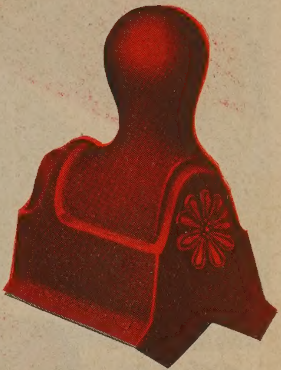


Fig. 320

Metal Spanish Tile—Gable Finial, Height 12 in., Width 6 in.. Depth 9½ in.

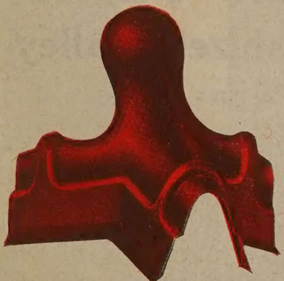


Fig. 315

Metal Spanish Tile—Ridge and Hip Terminal (Side View). Height 13½ in. Width 12 in.

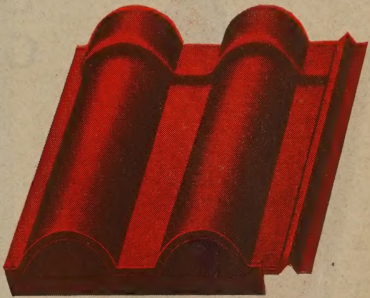
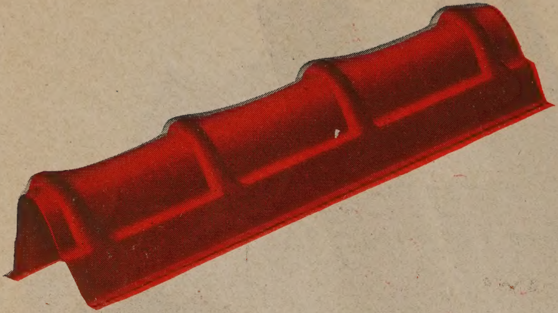


Fig. 309

Metal Spanish Cluster Tile—Starter or Eave Tile—with closed ends, for edge of roof at gutter.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF



HIP FINISH

Height 5 in.
Width 7 in.
Length 26 in.

Fig. 311

RIDGE FINISH

Height 5 in.
Width 9 in.
Length 24 in.

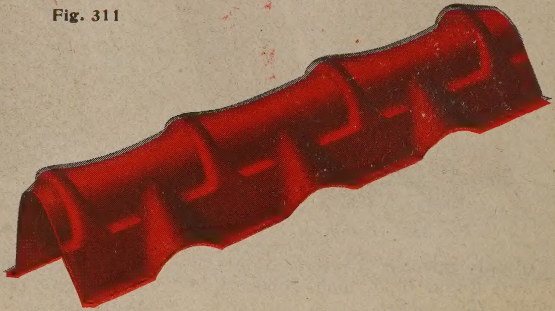


Fig. 312

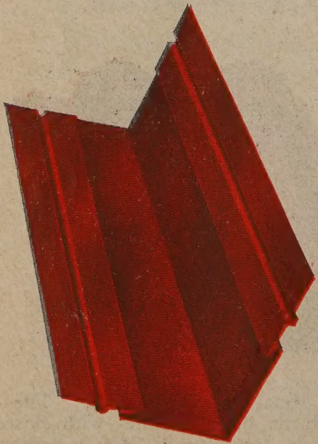


Fig. 381

Edward "Perfect" Galvanized Valley

FOR TILE ROOFS.

The Edwards "Perfect" Valley is made of best quality galvanized steel in 10-foot lengths. The particular advantage in using this style Valley is that the bead acts as a gutter for any water that might possibly back up under the Tile and carries off same into the gutter at eaves, thereby insuring you a perfect watertight roof. This is why we call it the "Perfect" Valley.

Edwards "Perfection" V-Crimp Roofing

Painted or Galvanized

**NO EXPOSED NAILS—
NO WOOD STICKS NEEDED**

The objection to ordinary V-Crimp Roofing is that wood sticks are necessary to apply same.

Then the nail heads being exposed to the weather, are liable to rust, causing leakage.

In the Edwards Perfection "V-Crimp Roofing" these objections have been eliminated as each sheet has our patent side lock, doing away with the wood sticks entirely and protecting the nail heads from the weather, thus increasing the life of the roof fully 50 per cent. We strongly urge the use of our Perfection V-Crimp Roofing.

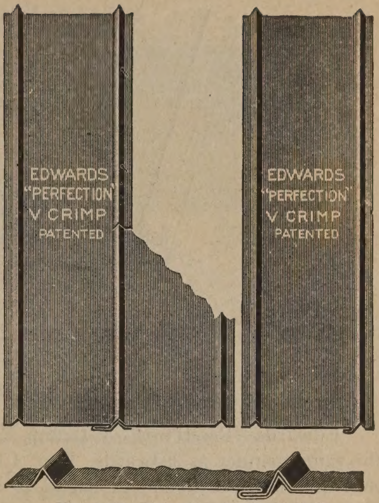

EDWARDS "PERFECTION" V CRIMP PATENTED
EDWARDS "PERFECTION" V CRIMP PATENTED

**Fig. 375 Patented April 7, 1908
Edwards "Perfection" 2-V-Crimp**

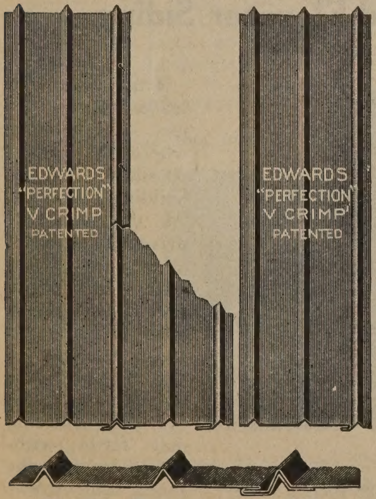
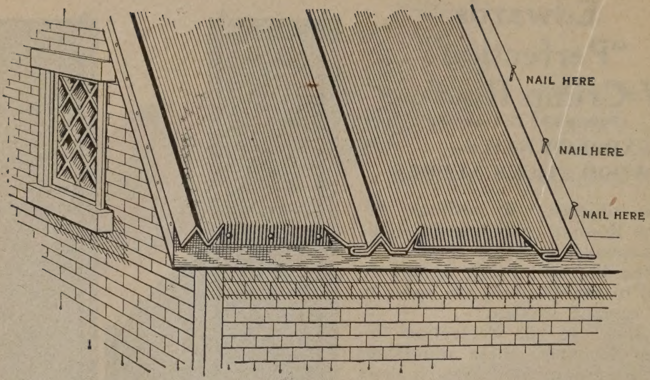

EDWARDS "PERFECTION" V CRIMP PATENTED
EDWARDS "PERFECTION" V CRIMP PATENTED

**Fig. 376. Patented April 7, 1908
Edwards "Perfection" 3-V-Crimp**

Manufactured from the best quality Bessemer or Open Hearth Steel—furnished Painted or Galvanized—in sheets 5-6-7-8-9 and 10 feet long; covering width 24 inches. The Easiest—Simplest and most rapidly laid Roofing ever invented. Nail heads are not exposed to the weather. Note construction of The Edwards Patent Side Lock, same lock as is used on our Reo Steel Shingles shown on pages 8 and 9, providing scientifically for expansion and contraction—a very essential feature in all Metal Roofing. Weight per 100 square feet Painted Steel, 75 lbs. Galvanized Steel, 85 lbs.

Directions for applying see page 9.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF



Directions for Applying Edwards "Perfection" V-Crimp Roofing

Edwards "Perfection" V-Crimp Roofing (see page 29) is applied in the same manner as Edwards "Reo" Cluster Shingles (see page 9), except that the sheets are cut and nailed at the Eaves as shown in illustration. This prevents vibration and rattle and gives you a roof that is absolutely wind, weather, storm, fire and lightning-proof.

Cross Corrugated Elevator Siding

Painted or Galvanized

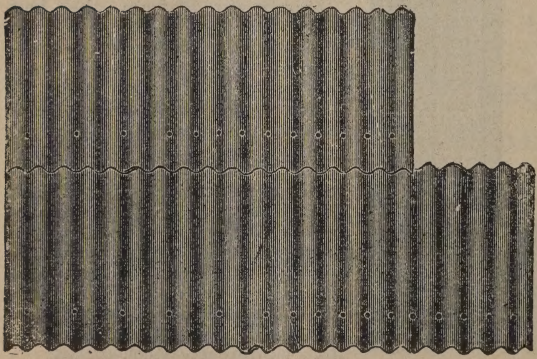


FIG. 28 A

Regular size, 88 inches long by 28 inches wide, although we can furnish other sizes.

This Siding is made especially for use on buildings where there is a possibility of the building settling. As the nails are driven two inches above the upper edge of lower sheets, an allowance is made for sheets to slip.

Arranged in this manner, the sides of the building may settle without springing the sheets and drawing the nails.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

Corrugated Sheets

Painted or Galvanized

Fig. 27

$2\frac{1}{2}$ in. Corrugations

Corrugated Sheets.—28 gauge, with 2½ in. corrugation, ⅝ in. deep. Sheets are 26 inches wide. Allowing one corrugation for lap on each side, it leaves a covering surface 24 inches wide, which lays to advantage on rafters or studding 24 inches, center to center. The end lap should be from 1 to 6 inches. Sheets are 5, 6, 7, 8, 9 and 10 feet long.

NOTE—Corrugated Sheets charged 26 inches wide by actual length, for example 1 sheet 6 feet long x 26 inches wide equals 13 square feet.

The Strongest Sheet Metal Known to the Trade and the Most Widely Used, is CORRUGATED.

For structures of moderate cost or light, inexpensive framings that are intended to be fire-proof, no better material can be had. The rigidity imparted to comparatively light sheets by corrugating makes them self-supporting. For siding 1-inch end laps will do. If used for roofing the roof should have a pitch of not less than three inches to the foot . Sheets should have 3 to 6 inches end lap and one and one-half or two corrugations side lap. Nails should always be driven through the crown of corrugation.

Made in ⅝ inch Corrugation, 1¼ inch Corrugation, 2 inch Corrugation, 2½ inch Corrugation.

Note—12 foot sheets, 10 cents per square extra.

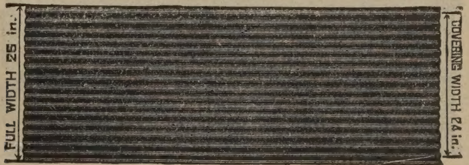


Fig. 25

$1\frac{1}{4}$ in. Corrugations

Weight per 100 square feet: Painted Steel, 70 lbs. Galvanized Steel, 80 lbs.

Note—Edwards Galvanized "Never Rust" nails and lead washers, as shown on page 38, should always be used in applying Corrugated Roofing.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

V-Crimp Roofing

Painted or Galvanized

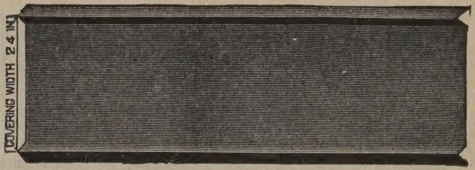

COVERING WIDTH 24 IN.

Fig. 20

Sheets, 5 to 10 feet long

This is the cheapest of all Roofing offered and costs less to put it on the roof. Any person can apply it who can drive a nail. It is put down with an end lap only or with end locks; the latter being the best method. When end locks are turned, a cleat should be used in the middle of the end lock, which prevents the sheet from rattling. It is made with 2 V Crimps, or side and center crimps, or 3 V Crimps, having a crimp in center of sheet. One pound 1¾-inch No. 10 barbed wire nails, one pound dry mineral paint, 50 feet V sticks are required to lay a square of this roofing. 100 feet V sticks required for 3 V Crimp Roofing.

V Crimped Roofing, 2 V Crimp, 28 Gauge Steel.

Sheets will lay 24 inches from center to center of crimps. The ends of sheets should be lapped not less than 3 inches. May be laid over shingles, sheathing, lath or direct to rafters, placed 24 inches from center, on any roof having a pitch or more than 2 inches to the foot. The ends of sheets can either be lapped 3 inches or more, or put together with lock joint.

3-V-Crimp Roofing

Painted or Galvanized

Fig. 21

Sheets, 5 to 10 feet long

The center crimp stiffens the iron, prevents vibration and rattle, and adds to its appearance; imitating batten board.

Weight per 100 square feet: Painted Steel, 70 lbs. Galvanized Steel, 80 lbs.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

Pressed Standing Seam Roofing

Painted or Galvanized

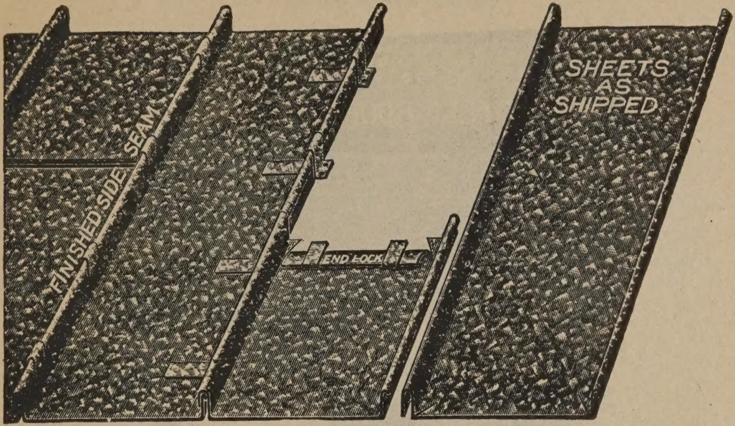


Fig. 23

"A" represents sheets as shipped, "B" represents method of application, "C" shows finished seam.

Is very simple in its application and effective in its construction. The sheets are formed with a cap on each side, which makes a stronger, better roof than when separate caps are used.

Sheets are 24 inches wide from center to center of seams, and in lengths of 5, 6, 7, 8, 9 and 10 feet, in all gauges No. 24 and lighter.

One hundred square feet per square. Allowance for side laps included. One pound of galvanized side cleats and one-fifth pound of end cleats shipped with each square. End locks turned, 10 cents a square extra. Should be applied on sheathing with end laps, if the roof has sufficient pitch, or if on a flat roof, with end locks.

No. 28 Gauge Steel, weight, Painted, (cleats included, 70 lbs.

No. 28 Gauge Steel, weight, Galvanized, (cleats included), 80 lbs.

Tools are loaned for applying. Amount charged will be refunded when tools are returned.

All our roofing is furnished either *Red Painted, or Galvanized Steel.*

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

Self-Capping Standing Seam Roofing

Painted or Galvanized

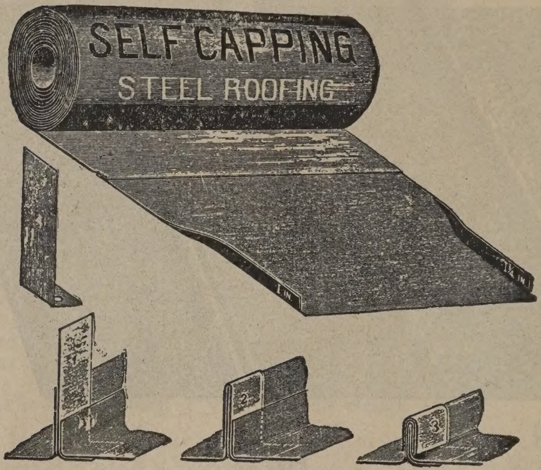


Fig. 18

Fig. 1.—Cleat in position and nailed to sheathing.

Fig. 2.—Cleat turned down over the 1¾-inch turned up edge.

Fig. 3.—Shows the 1¾-inch edge and the cleat folded over the 1-inch turned up edge.

Fig. 4.—Shows cleat as shipped.

Made of Pure Steel.

The method of applying is very similar to Roll and Cap Roofing, with the exception that Caps are part of the sheet, each sheet having an edge turned 1 inch on one side and 1¾ on the opposite, the ¾ inch being folded down on the 1 inch, making an absolute waterproof roof—very simple in its application and especially adapted for flat roofs. Each roll is 50 feet long, the covering width is 24 inches, and will lay 100 square feet on building.

Shipping weight (including cleats), No. 28 gauge steel, painted, 70 pounds; galvanized, 80 pounds.

Special Notice—We furnish the above Self-Capping Roofiing with *Double Cross Lock* if wanted.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

Roll and Cap Roofing

Painted or Galvanized

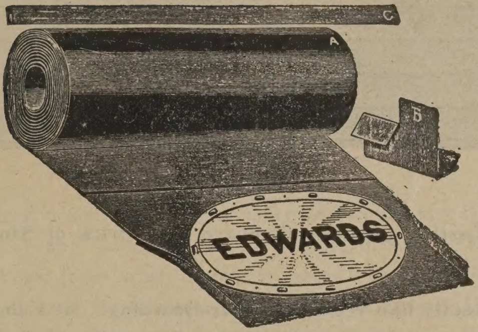


Fig. 19

“A” Roll Partly Edged, “B” Metal Cleat, “C” Metal Cap.

Covering width charged. Supplied in rolls of one square each, covering 24 inches. SPECIAL—We make rolls any desired length when ordered.

The advantage this roof has over all other separate Cap Seam Roofs is that the cap is hooked to the anchor or cleat, which holds it firmly to the standing seam.

The construction is simple, and it is the most easily and rapidly laid separate Cap Roofing on the market.

We make the metal caps in 4 or 8-foot lengths, which we furnish with each square, cleats included. Each roll is 50 feet long; the covering width is 24 inches and will lay 100 square feet on building. Tools loaned for applying.

Weight per 100 square feet: Painted steel, 70 lbs. Galvanized steel, 80 lbs.

Steel Weather-Board Siding

Painted or Galvanized

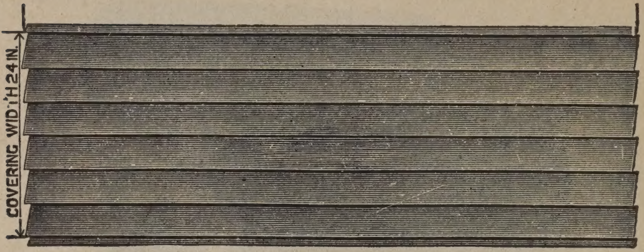


Fig. 33

Its Lasting Qualities Compare with Brick or Stone.

This looks exactly like Wood Weather-Boarding. At a short distance you cannot tell the difference.

Used extensively as Siding on frame buildings. Cheap, Durable and Fireproof, and a desirable substitute for Wooden Weather-Boarding.

We furnish 6¼ sheets 24 x 96 inches for a square, which will lay 100 square feet on building, less the laps at the end of the sheets.

Each sheet shows 6 boards 4 inches wide. Can be applied directly to studding. 16 inches from centers or on rough sheathing. In order to provide for one inch end laps, place every sixth stud 15 inches from centers. When applying to sheathing, place nails 4 to 6 inches apart, along the horizontal laps and immediately under the projecting crimp. When applying to studding nail to each stud. Nail end laps at the upper edge of each face or "board."

Weight per 100 square feet: Painted steel, 70 lbs. Galvanized steel, 80 lbs.

Edwards Expanded Cup Metal Lath

NO FURRING STRIP REQUIRED

The Best Expanded Metal Lath in the World

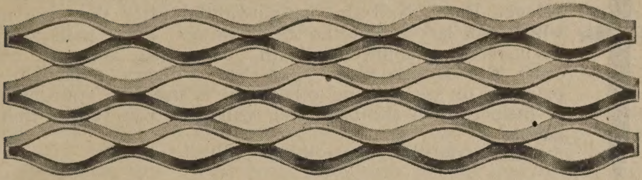


FIG. 117

It is without a doubt the *nearest to perfection* and *works the best* for all purposes of any Expanded Metal manufactured. For Stucco and Cementine Work it is what architects have been looking forward to obtain for years, and for Ornamental Work, False Beams, Arches, Coves, Columns, etc., it is the best, and above all no higher in price.

The size of the sheets are 15 inches wide by 96 inches in length, and are packed for shipment into bundles of 18 sheets each, containing 20 square yards to the bundle.

We are coating and recommend our Anti-Rust, which is an oiled preparation to prevent rust in transit or while in warehouses, but can furnish you the sheets painted or galvanized.

We use either No. 24, 26 or 27 U. S. Standard Gauge and full weight sheets in the manufacture of

THE EDWARDS EXPANDED CUP LATH.

The mortar does not hang on a sharp cutting or knife edge, thus cutting your clinches, in either side wall or ceiling, but rests on a beveled edge in each case, and even where applied to Sheathing you get a perfect key without furring strips, and your lath will be thoroughly imbedded in the mortar or other material used.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

Edwards Galvanized "Never Rust" Nails

Do you realize the importance of nails on a roof? or do you know of any roofing material that is put on without nails?

Steel or iron nails, even though hidden as on a slate roof, will rust and the roof is gone. For 25 years we have been studying the roof question and fully realize the important relation nails have to the life of a roof. We have developed the "Never Rust" Nail that is galvanized after they are made, which will last as long as the building. These nails are used exclusively in connection with our roofing and cost only 2 cents per square more than the ordinary nails. It will pay you to see that no other nail is used on your building. A little care in the beginning will give you results that are lasting.

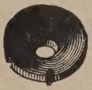
Insist on the "Never Rust" Nails.

Fig. 116-A

Fig. 116 Edwards Lead Washers

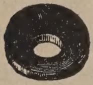
Will prevent Leaks in Roofing and Siding when used as shown in cut below

Full Size

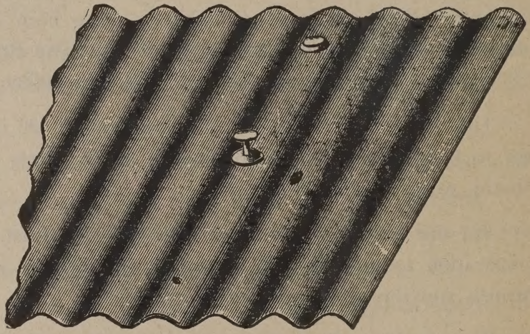


No. 12
(3-32 inch hole)

Full Size



No. 8
(5-32 inch hole)



The Washers, when used with Edwards Galvanized "Never Rust" Nails, make an *Absolutely Water-tight Joint* on any surface, whether concave, convex or flat; they also *prevent rust* below the nail head, and the head from cutting into the sheet, thus making a more durable job.

Read the following and find out how many and what kind you need; do not let the small cost additional per square prevent you from having a perfect job.

Put up in boxes containing 100 pounds each.

One pound contains about 325 Washers.

One pound will put on 2 to 3 squares.

Hole in No. 8 Washer is 5-32 of an inch in diameter.

Hole in No. 12 Washer is 3-32 of an inch in diameter.

In ordering do not forget to state size of Washer. No. 8 is the size generally used with 1¾-inch wire nails Nos. 10 or 11.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

Galvanizing and Painting

In answer to the often asked query, "Which shall I buy. galvanized or painted?" we ADVISE by ALL means the GALVANIZED.

There are many good sound reasons for this advice, and we want to give you the benefit of our experience.

GALVANIZING, when PROPERLY DONE, becomes a part of the material; it therefore serves as a protection against the elements and preserves its life.

GALVANIZED ROOFING and SIDING is, in the long run, THE MOST ECONOMICAL MATERIAL TO BUY.

All Edwards Galvanized Roofing and Siding is made from selected prime sheets and the galvanizing is done by our improved process, each sheet, after being cut to the required size, is dipped separately in the "spelter" or molten zinc. This gives a uniform coating and covers the edges so there is no raw surface exposed to rust and corrode.

Other manufacturers cut the sheets after they are galvanized, leaving the edges exposed and certain to rust.

HOW THE WORK IS DONE.

The sheets are put in large vats in a melted liquid known as spelter, or molten zinc, collecting a heavy deposit of this galvanizing substance, and while still hot the sheets are run through rolls, imbedding the spelter or molten zinc into the sheets, giving them a smooth, finished appearance, every sheet being uniformly alike.

The process of galvanizing, as practiced by many, can be cheapened considerably by collecting on the sheets a very small deposit of the galvanizing substance and then wiping off the sheets, using simply enough to cover the surface, and not become a part of the material, which is the strong feature of *our* improved process of galvanizing.

EDWARDS GALVANIZED ROOFING is as well protected from rust as it is possible to make roofing, and your investment in this material will be the most economical in the long run.

HOW EDWARDS ROOFING IS PAINTED.

The life of any metal roofing or siding that is not galvanized depends almost entirely upon the way it is painted.

Of course, the first thing of importance in the selection of roofing is that the very best material be used; still, good material must be properly painted to make it a good roofing.

We honestly believe OUR PROCESS OF PAINTING TO BE THE MOST IMPROVED AND BEST USED BY ANYONE.

The average manufacturer making painted metal roofing uses paint heavily charged with quick dryer. This kind of paint dries almost as fast as the roofing is run through the paint machinery, and therefore is not durable and lasting. It will easily rub off and leave the sheets in an unprotected state.

We use in our paint Lake Superior Iron Ore, ground in pure Linseed Oil, and give each sheet a good substantial coating of paint. All painted sheets are painted on both sides by this improved process.

Too much care cannot be exercised in the selection of roofing.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

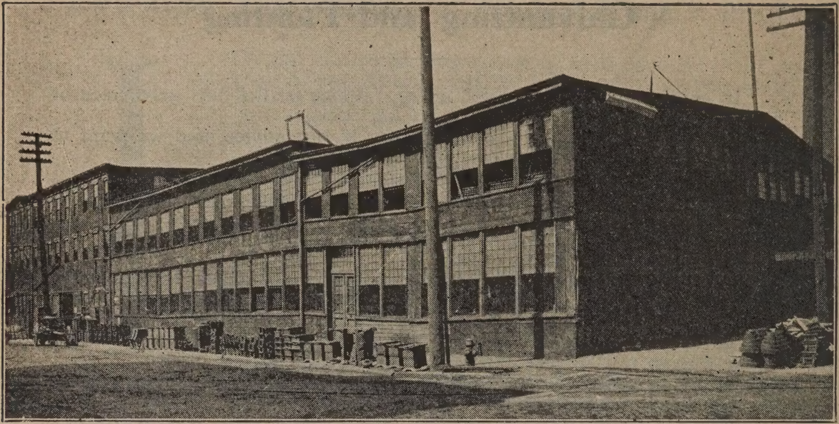


Fig. 1.—Plant of American Tool Works Company, Cincinnati, Ohio, **Before** Application of the Edwards Sheet Metal Building Material.

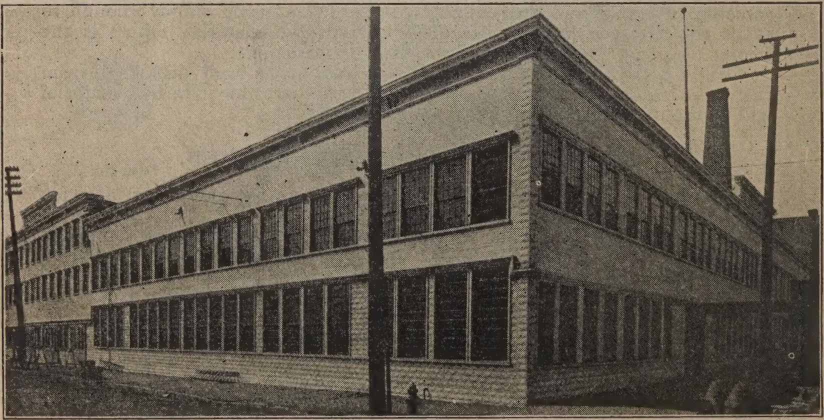


Fig. 2.—Plant of American Tool Works Company, **After** Application of the Edwards Patent Rock Face Brick and Stone Siding, Galvanized Cornice and Pediments, Window Caps, Etc.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

Pressed Steel Brick Siding

Painted or Galvanized

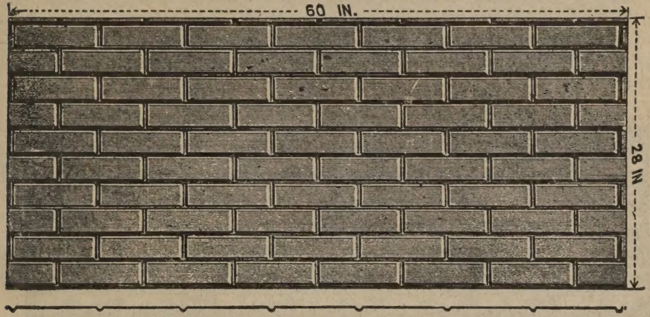
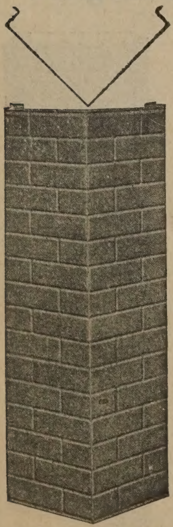


Fig. 35

Size of Single Brick, 2 4-5 x 8½ inches. Sheets, 60 x 28 inches.

Shows Pressed Steel Brick Siding ready for application. Can be applied by any mechanic. Lays perfectly smooth, and after painting cannot be distinguished from finest Philadelphia Pressed Brick.

Costs no more than best wood siding, and about one-fifth that of brick.



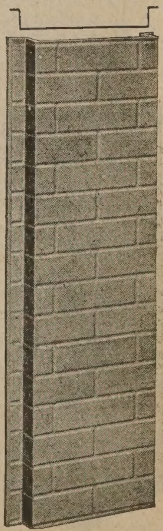
Corner Finish
Fig. 351
Each Face, 13 in. wide

In beauty of appearance, durability, cheapness, and as a protection against fire, we claim this siding has no equal. Most Insurance Underwriters give this style of covering same rating as Brick or Stone.

Manufactured of the best Soft Steel, and shipped in lengths of 60 x 28 inches, containing 12 2-3 square feet to the sheet.

A Square of Brick Siding consists of 8 4-7 sheet, 60 inches long by 28 inches wide, painted or galvanized.

For Pressed Steel Brick Siding



Pilaster
Fig. 352
Face, 13 in. wide

Patent Rock-Face Brick and Stone Siding

Made of Best Quality Sheet Steel. Artistic! Durable! Cheap!

This is something comparatively new in Sheet Metal Siding. It imitates Rock-Face Stone and Brick to perfection. On a building the counterpart of a finely finished Rock-Face Stone or Brick, it makes the most attractive and handsomest sheet metal covering so far produced or offered the building trade.

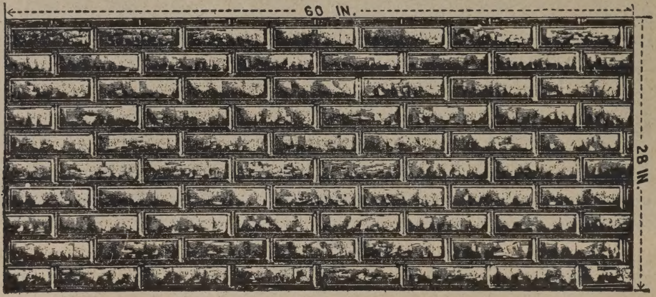
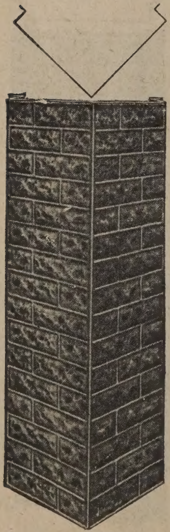


Fig. 36

Patent Rock-Face Brick Siding



Corner Finish

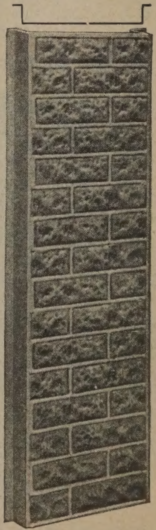
Fig 353

Each Face 13 in. wide

Size of Single Brick, 2 4-5 x 8¼ inches. Sheets, 60 x 28 inches.

It is unquestionably an elegant facing for store fronts and cannot help but take the place of the old style galvanized iron fronts, because it is cheaper, makes a handsomer front, and is more easily applied.

For Rock-Face Brick Siding



Pilaster

Fig. 354

Face, 13 in. wide

Patent Rock-Face Stone Siding

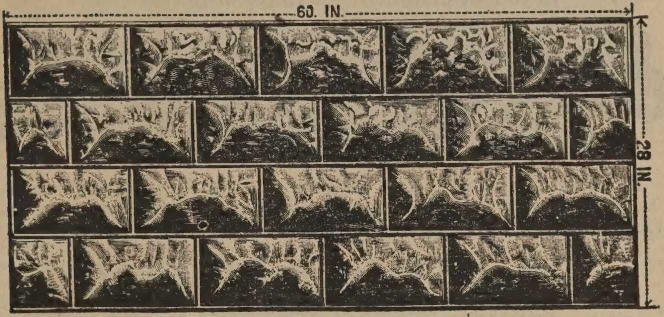
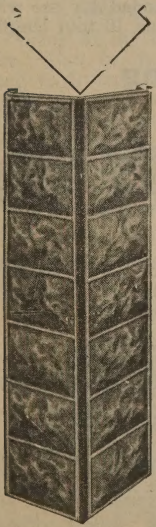


Fig. 37.

Size of Single Stone, 7 x 12 inches. Sheets 60 x 28 inches.

A Square of Rock-Face Brick or Stone consists of 8 4-7 sheets 60 inches long by 28 inches wide, painted both sides.

In ordering plain or Rock-Face Siding, allow 4 to 6 square feet to the 100 square feet for laps.

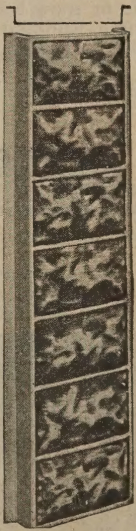


Corner Finish.
Fig. 355
Each Face, 13 inches wide.

Prospective builders will readily see the advantage of using these patterns for siding purposes on Dwellings, School Houses, Business Blocks, Court Houses, Factories, Opera Houses, Auditoriums, etc., in preference to the old style Corrugated, Beaded and other Metal Sidings.

Furnished in Either Red Painted, or Galvanized Steel.

For Rock-Faced Stone Siding



Pilaster
Fig. 356
Face 13 inches wide.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

2½ Inch Corrugated Ridge Roll

In 10 foot Lengths. Painted or Galvanized.

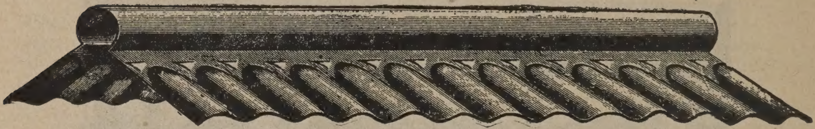


Fig. 200

Edwards Corrugated Roll Ridging gives a finished, well-done look to the roof that is very pleasing. It fits tightly and is guaranteed to give perfect satisfaction. To be used with corrugated roofing on all gable roofs.

Round Ridge Roll Capping

Painted or Galvanized.

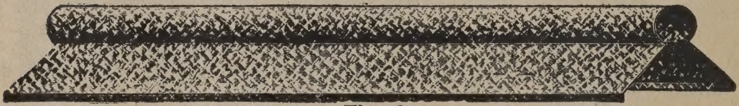


Fig. 9

Gives a neat, finished appearance to your roof, affords protection against rain or snow beating under, and is especially recommended for use with V Crimp, Roll and Cap, or Standing Seam Roofing. 8 and 10 foot lengths.

V-Angle Ridge Capping

Painted or Galvanized.

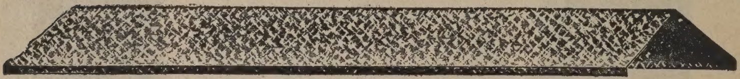


Fig. 8

An inexpensive, durable cap for roof ridge. Made of the same high grade material as all Edwards metal goods. Furnished in 8 and 10 foot lengths. We do not cut lengths.

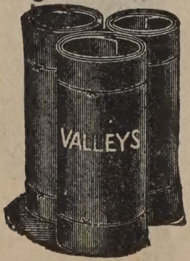


Fig 159

Valley and Gutter Linings in Rolls

Tin or Galvanized.

Furnished in Rolls 50 feet long, 10, 14, 20, 28 inches wide, painted one side, unless otherwise ordered.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

Galvanized Valleys in Sheets

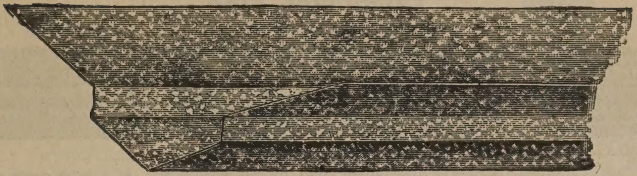


Fig. 17

Made in all sizes, 8 and 10-foot lengths.

The best Valley made for any kind of Roof—especially adapted for Wood Shingle or Slate Roof.

Wire Eaves Trough Hanger

SIMPLE, SUBSTANTIAL, NEAT, DURABLE, CHEAP.

Triple Strength in Cross Bar. Absolutely the Strongest Wire Hanger Made.

Is made of the best Galvanized Steel Wire. Can be quickly and easily adjusted to trough, and is the only Wire Hanger forming a complete Brace as well as Hanger, thus holding the trough to shape as well as place.

Note third wire making brace "A."

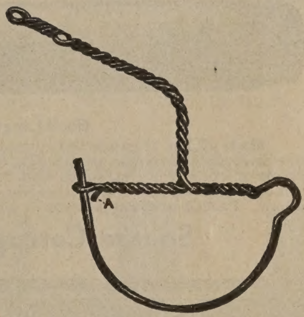


Fig. 161

N. B.—All hangers sent with ½-inch beads, except 7-inch size, which will be ⅝-inch bead, unless otherwise ordered.

The Edwards Rain Water Cut-Off

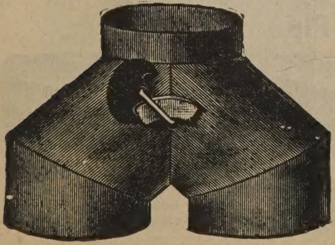


FIG. 154

DURABLE, SIMPLE AND CHEAP.

The Strongest and Best Rain Water Cut-Off Ever Placed on the Market.

Try a sample order, and if not as represented, we wil! refund the money.

Round Galvanized Corrugated Expanding Conductor Pipe

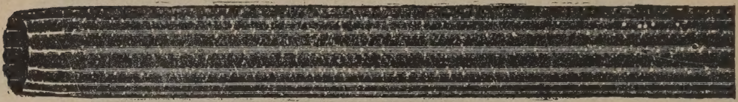


Fig. 67.

This is infinitely stronger and better than pieced conductor. It has no cross seams and is the longest seamless pipe manufactured. This conductor is not in any way affected by heat or cold and is the only kind of conductor made that will not burst, even if frozen solid. This is by a long ways the stiffest, toughest and most attractive corrugated pipe on the market. Made only in 10 foot lengths. We do not cut lengths.

We advise the use of 2-inch corrugated pipe with 3½-inch and 4-inch trough; 3-inch pipe for 5-inch trough, and 4 or 5-inch pipe for 6-inch trough.

Plain Round Galvanized Lock Seam Conductor Pipe

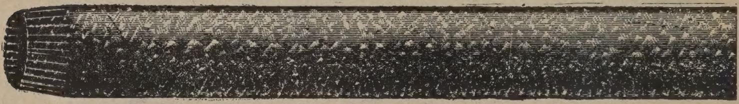


Fig. 73

Each Length a Single Perfect Piece

Made of No. 28 gauge Galvanized Steel in 10 foot lengths without cross seams. This pipe is largely used for ventilating, heating blast, hot air and blower pipe; and for all classes of work where strength and durability are desired. It is rounder, stiffer and more durable than any other, and therefore unequaled for use in ventilation by Plumbers and others. Packed in skeleton crates. All sizes, 1½ to 6 inches can be nested in one crate.

Square Corrugated Conductor Pipe

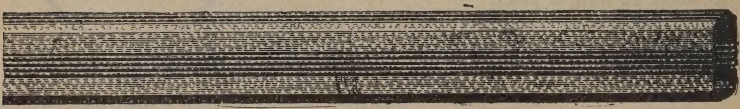


Fig. 68

Galvanized Steel. 10-foot lengths. Cold Rolled Copper, 8 foot lengths. Not affected by expansion or contraction. The shape of our pipe is now the recognized standard, and buyers should not accept any other. Made of best quality No. 28 gauge Steel, and 14 and 16-ounce Copper.

Packed 250 feet in crate. All sizes can be nested and packed in one crate.

Polygon Pipe

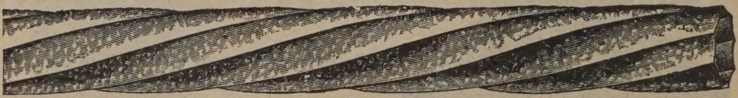


Fig. 39

Made of Galvanized Iron in 10-foot lengths and of Copper in 8-foot lengths, without cross seam. Ice forming in it will not burst seams, but on account of the spiral construction of the pipe, will descend gradually without injuring it. During heavy rains water will descend more freely, as pipe will not choke. Made under the Weitzel patent patented August 26, 1894, and October 26, 1897.

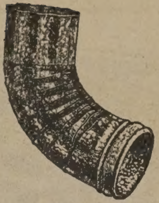
Packed 250 in crate. All sizes can be nested in one crate.

Flat Crimp Round Corrugated Expanding Elbows and Shoes

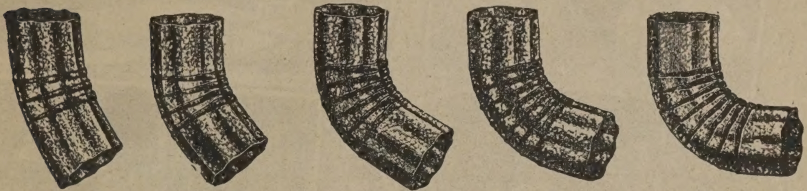
(PATENTED)

Fig. 143

Expand WITHOUT BREAKING. The Corrugations run Parallel THE ENTIRE LENGTH and MAKE THE CURVES IN UNISON with the Pipe.



Shoe

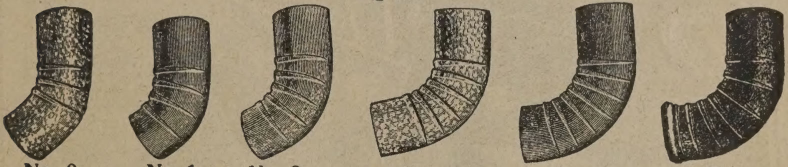


No. 0 **No. 1** **No. 2** **No. 3** **No. 4**

Made in the following angles: No. 0, 30 degrees; No. 1, 45 degrees; No. 2, 60 degrees; No. 3, 75 degrees; No. 4, 90 degrees. We will send the No. 3, 75 degrees, unless otherwise specifiied. Sizes carried in stock, 2, 3, 4, 5, and 6 inches.

Flat Crimp Plain Round Elbows and Shoes

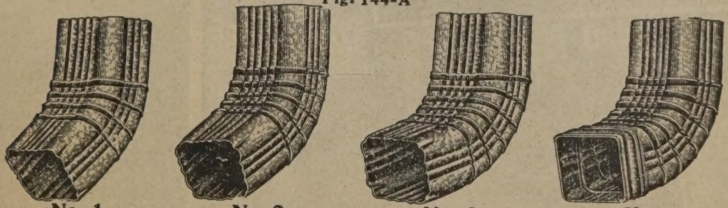
Fig. 145



No. 0. **No. 1** **No. 2.** **No. 3** **No. 4** **Shoe**

Flat Crimp Square Elbows. Expanding Style A

Fig. 144-A

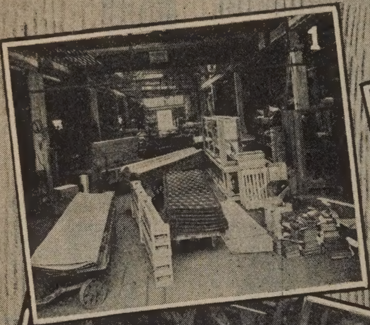


No. 1 **No. 2** **No. 3** **Shoe**

By combination of styles A and B, a square conductor can be made to turn the cornor of a building as readily as the round conductor.

Size 2, 3, 4 and 5 inches.

THE LARGEST METAL ROO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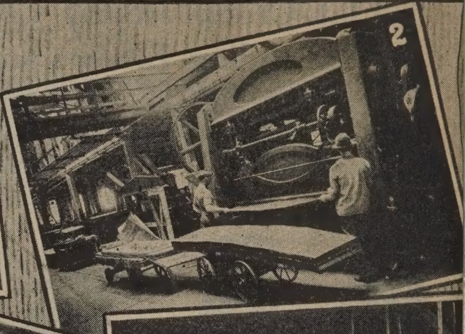
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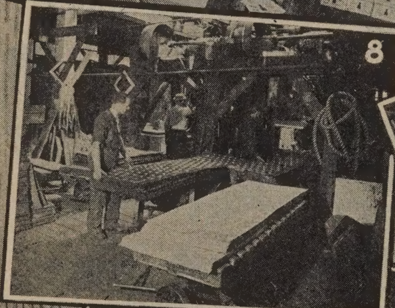
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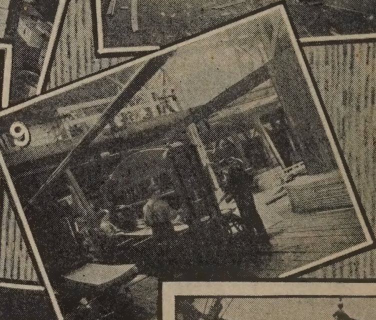
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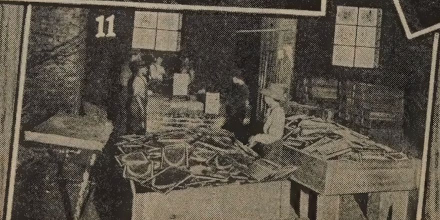
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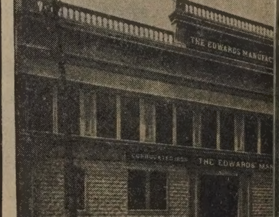
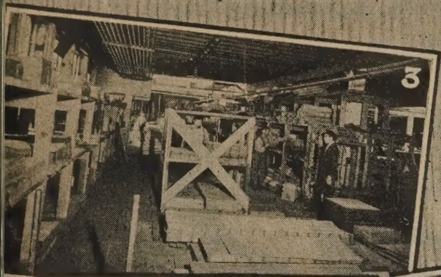
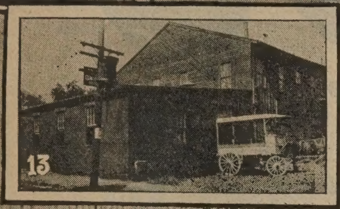
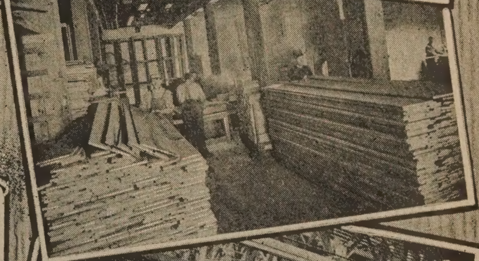


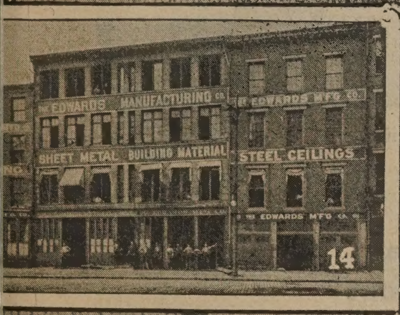
Fig. 1. A Corner in the Shipping Dept.
Fig. 2. Making Metal Roofing.
Fig. 3. Steel Ceiling Stock Room.
Fig. 4. Steel Ceiling Stamping Dept.
Fig. 5. Metal Shingle Dept.
Fig. 6. Steel Boat Dept.
Fig. 7. Crating Dept.
Fig. 8. Stamping Rec
Fig. 9. Steel Roofing

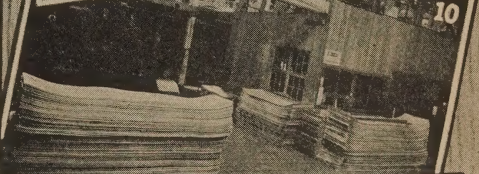
FING PLANT IN THE WORLD

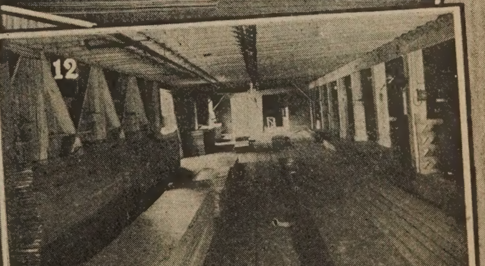


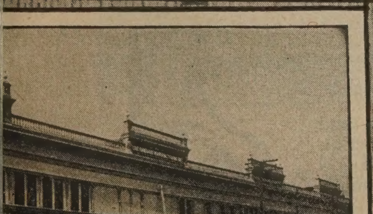












ster Shingles
pt.

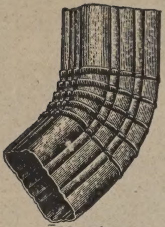
Fig. 10. Stock Room and Shipping Office.
Fig. 11. Galvanizing Metal Shingles.
Fig. 12. Another View of Stock Room.

Fig. 13. Edwards Mfg. Co. Original Plant.
Fig. 14. Edwards Mfg. Co. Sycamore St. Plant.
Fig. 15. Edwards Mfg. Co. Eggleston Ave. Plant.

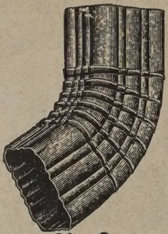
Flat Crimp Square Elbows Expanding Style B

Fig. 144-B.

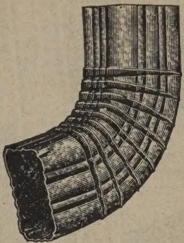
(Right and Left Pattern)



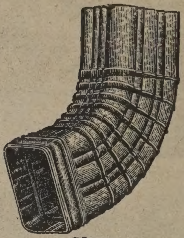
No. 1



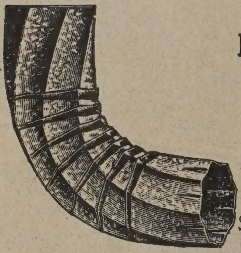
No. 2



No. 3



Shoe



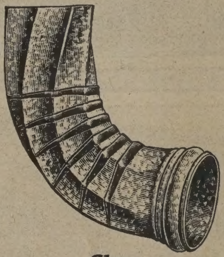
No. 3

Flat Crimp Polygon Expanding Elbows and Shoes

(PATENTED)

Fig. 42.

Size 2, 3, 4, 5 and 6 inches.



Shoe

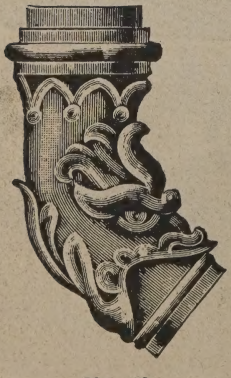
Ornamental Stamped Elbows and Shoes

Made of Zinc.

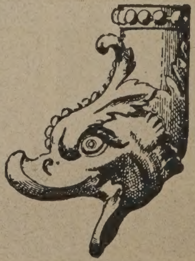
Size 2, 3, 4, 5 and 6 inches.

Ornamental Elbows and Receivers used in connection with Polygon Pipe will add to the appearance of a building.

Either Polygon or Ornamental Stamped Elbows can be used with Polygon Pipe.



No. 40



No. 551.

Galvanized Slip Joint Eaves Trough
Single Bead

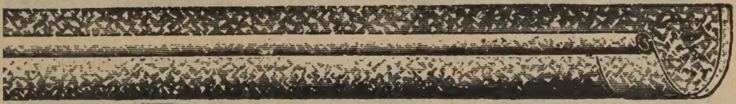


Fig. 74.

The most popular eaves trough made, and in general use everywhere. Ends are fitted with patent slip-joints, which are guaranteed to clamp more easily than any other made, and requiring no soldering.

Is made only in 10-foot lengths, and we do not cut lengths. In ordering, always state whether right or left-hand trough is wanted, or send a rough diagram of building. Unless specified, we always send half right and half left-hand.

Lap Joint Eaves Trough. Single Bead

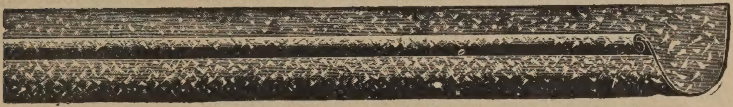


Fig. 98.

Our lap-joint is made of the very best material, is tough and strong, and for this there is a big demand. The joints are made by lapping one length into the other. Made in 10-foot lengths. We do not cut lengths.

Double Bead Slip Joint Eaves Trough

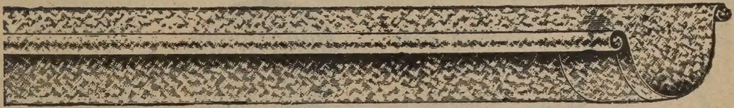


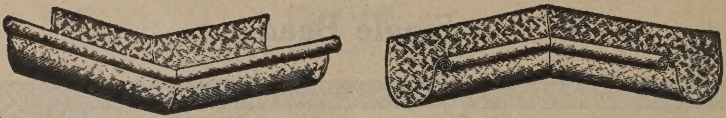
Fig. 99.

Having a bead on both sides of trough, it can be used with either side to the building; therefore to run water to the right or to the left. Our Double Bead Eaves Trough is placed to the building with the slip-joint to the right for the former, and to the left for the latter. We can make a ½, ⅝ or ¾-inch bead. In ordering please state size and whether Lap or Slip Joint is wanted.

All sizes packed 250 feet to crate.

Two-Piece Eaves Trough Mitres

Fig. 147



Outside Corner Mitre. **Inside Corner Mitre.**

Galvanized slip-joint and lap-joint for use with our eaves trough. In ordering, state whether right or left-hand mitres are wanted, and whether for outer or inner eaves. If you do not state, we will ship your order half right and half left-hand, half inner and half outer eaves. We have in stock at all times 3½, 4, 5 and 6 inch sizes.

Eaves Trough Ends and Drops

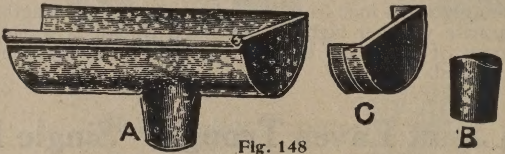


Fig. 148

We show here illustrations of end pieces complete and slip-joint cap suitable for our slip-joint eaves trough. The illustration at the top shows the end piece complete. This piece is about 12 inches in length, and can be attached to our slip-joint eaves trough without soldering.

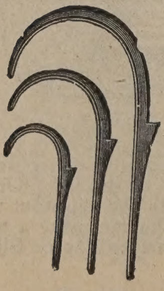
A represents a 12-inch section of Trough, with drop (B) soldered on, and the end closed with our Slip-Joint End Cap (C).

B represents a Drop or Outlet.

C represents our Slip Joint End Cap, which requires no solder. May be used right or left.

Note—We furnish end sections (A) complete for 3½ and 4-inch Trough with 2-inch Drop; for 5-inch Trough with 3-inch Drop; for 6-inch Trough with 4-inch Drop.

Conductor Pipe Hooks and Fasteners

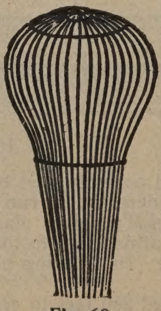


Made of Best Malleable Iron Tinned.

Always state whether hooks wanted are for wood or brick. Sizes 2, 3, 4, 5 and 6 inches.

Fig. 70.

Wire Conductor Pipe Strainers



Galvanized.

Placed in the outlet of Eaves Trough to prevent leaves, etc., from entering or stopping up the conductor. The size given designates the size outlet strainer will fit.

Size, 2, 3, 4. 5 and 6 inches.

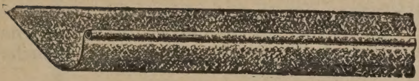
Fig. 69.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

The Edwards Roof Gutters

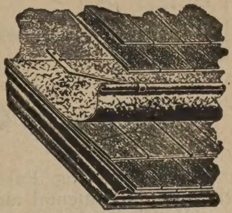
Made of Best Quality Galvanized Steel, in 10-Foot Lengths Only.
NO WOOD SUPPORTS NEEDED.
Used on All Kinds of Roofs.

Fig. 149.

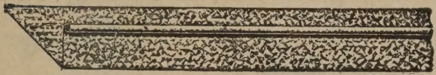


ROOF GUTTER—Style A

Galvanized Steel—14 inch Girt, ⅝ inch Bead
Galvanized Steel—20 inch Girt, ⅝ inch Bead
Galvanized Steel—24 inch Girt, ⅝ inch Bead

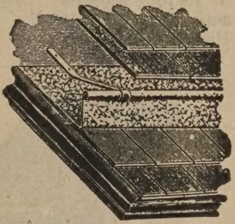


Style A in position.

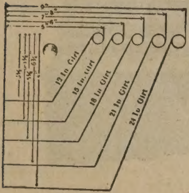


ROOF GUTTER—Style B

Galvanized Steel—15 inch Girt, ⅝ inch Bead
Galvanized Steel—20 inch Girt, ⅝ inch Bead
Galvanized Steel—24 inch Girt, ⅝ inch Bead

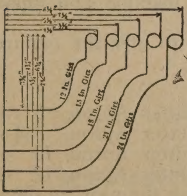


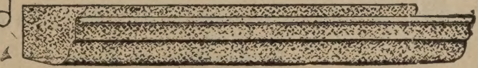
Style B in position.



ROOF GUTTER—Style D

Size, 5 inches; Depth, 3½ inches; Girt, 12 inches
Size, 6 inches; Depth, 4½ inches; Girt, 15 inches
Size, 7 inches; Depth, 5½ inches; Girt, 18 inches
Size, 8 inches; Depth, 6¾ inches; Girt, 21 inches
Size, 9 inches; Depth, 8 inches; Girt, 24 inches

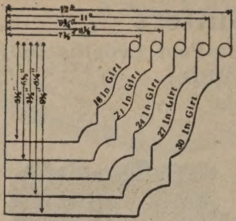




ROOF GUTTER—Style F

Size, 4½ inches; Depth, 3¾ inches; Girt, 12 inches
Size, 5½ inches; Depth, 4¾ inches; Girt, 15 inches
Size, 6½ inches; Depth, 5¾ inches; Girt, 18 inches
Size, 7½ inches; Depth, 6¾ inches; Girt, 21 inches
Size, 8½ inches; Depth, 7¾ inches; Girt, 24 inches

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF



ROOF GUTTER—Stye J.

Size, 7½ inches; Depth, 5½ inches; Girt, 18 inches
Size, 8½ inches; Depth, 6½ inches; Girt, 21 inches
Size, 9¾ inches; Depth, 7½ inches; Girt, 24 inches
Size, 11 inches; Depth, 8½ inches; Girt, 27 inches
Size, 12 inches; Depth, 9½ inches; Girt, 30 inches

Edwards Combination Roof Gutters

Fig. 149,—C.—B.

The following illustrations show a Stop Gutter and Cornice combined, the most ornamental and effective production ever offered.

We make this Gutter of the best quality No. 28 gauge Galvanized Steel, in 10-foot lengths. We also make this Gutter in one piece, producing exactly the same effect. Please state if one or two-piece Gutter is wanted. Prices the same.

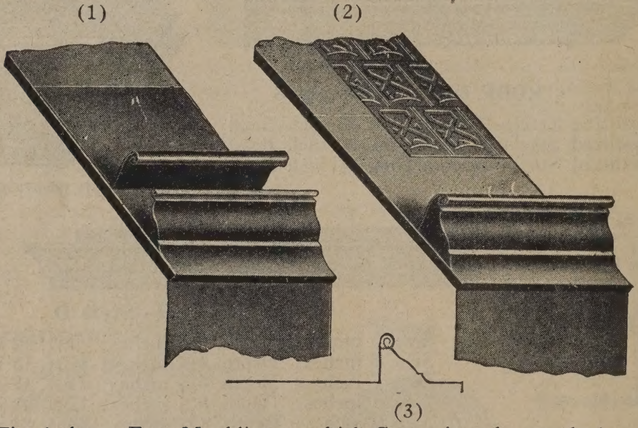


Fig. 1 shows Face Moulding to which Gutter is to be attached.

Fig. 2 shows Face Moulding and Gutter locked together and inposition.

Fig. 3 shows different positions of Gutter Apron to give the required fall.

Explanation of Sizes.

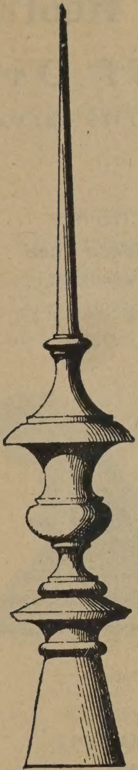
18-in. Girt; Face Apron, 1¼-in.; Depth, 2⅜-in.; Gutter Apron, 8 -in.
20-in. Girt; Face Apron, 1¾-in.; Depth, 2¾-in.; Gutter Apron, 8¾-in.
24-in. Girt; Face Apron, 3 -in.; Depth, 3½-in.; Gutter Apron, 10 -in.
28-in. Girt; Face Apron, 5 -in.; Depth, 3½-in.; Gutter Apron, 12 -in.

To give the required fall, draw the Gutter Apron up the roof, as shown in sectional view (Fig. 3.)

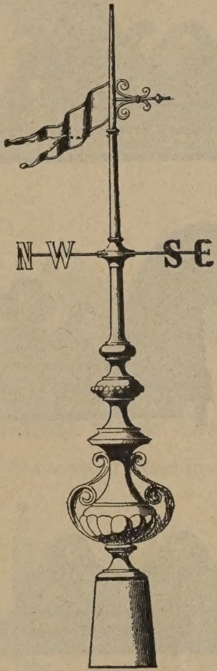
REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

The Edwards
Finials and Weather Vanes

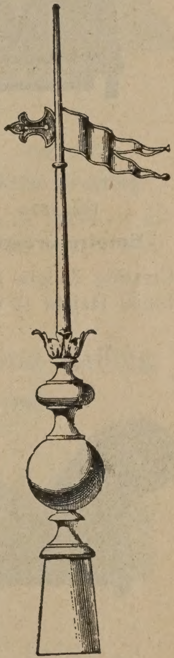
Spun and Stamped Parts Made of Heavy Zinc



No. 52
Height, 50 in.



No. 46
Height, 7 feet.



No. 41
Height, 6 feet.

We Make Over 100 Different Styles of Finials

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

Edwards Ornamental Roof Cr

A Substantial Roof Orn

MADE OF BEST QUALITY GALVANIZE

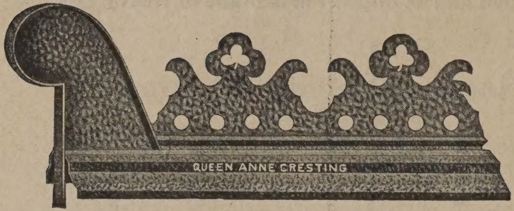


Fig. 1575

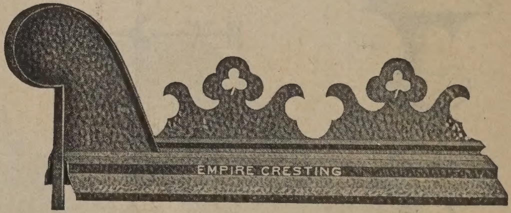
Queen Anne Cresting

Cresting Height 14 in.
Finial Height 14 in.

Fig. 1576

Empire Cresting

Cresting Height 12 in.
Finial Height 12 in.



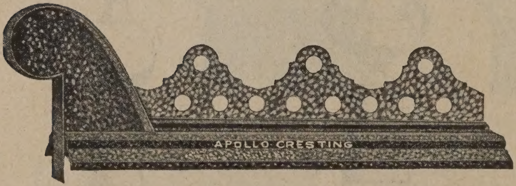


Fig. 1577

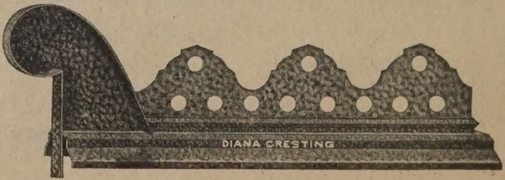
Apollo Cresting

Cresting Height 10 in.
Finial Height 10 in.

Fig, 1578

Diana Cresting

Cresting Height 10 in.
Finial Height 10 in.



REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

ting and Ridge Roll Combined

nentation at a Low Cost

TEEL IN 10 FOOT LENGTHS ONLY

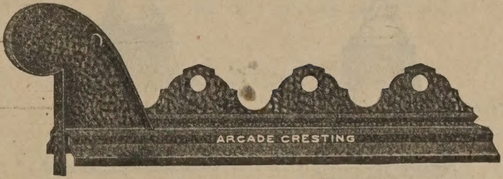


Fig. 1579

Arcade Cresting

Cresting Height 8 in.
Finial Height 8 in.

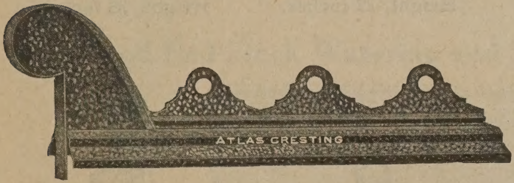


Fig. 1580

Atlas Cresting

Cresting Height 8 in.
Finial Height 8 in.

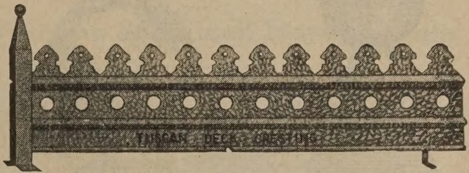
Edwards Ornamental Deck Cresting and Railing

Best Quality Galvanized Steel in 10 Foot Lengths

Fig. 1581

Tuscan Deck Cresting

Corner Post
Height 13 in.
Height 18 in.
Cresting Height 9 in.
Height 14 in.



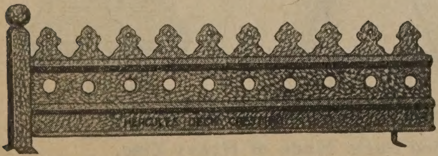
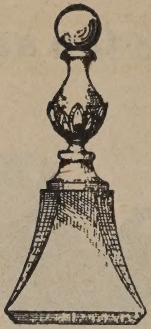


Fig. 1582

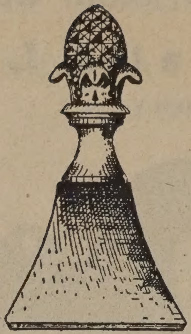
Hercules Deck Cresting

Corner Post
Height 13 in.
Height 18 in.
Cresting Height 9 in.
Height 14 in.

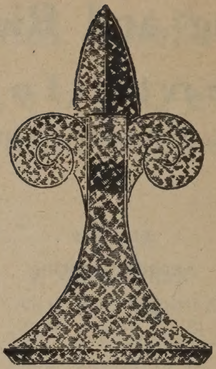
REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF



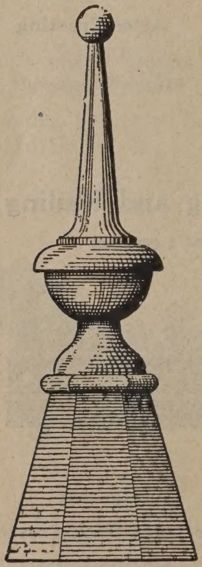
No. 1524
Height, 20 inches.



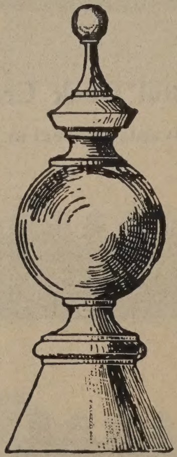
No. 1526
Height, 22 inches.



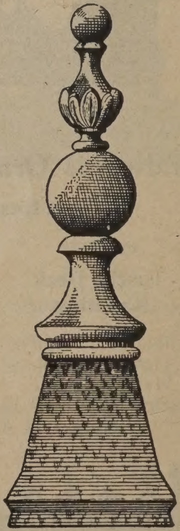
No. 1530
Height, 33 inches.



No. 1511
Height, 3 feet.



No. 1515
Height, 30 inches.



No. 1513
Height, 2 feet.

Spun and Stamped Parts Made of Heavy Zinc.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

Edwards' Barn Door Track Cover

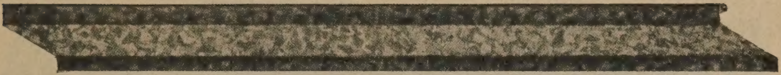


Fig. 669

Made in two sizes, 10 and 14-inch.

We manufacture this track cover of the best quality galvanized steel, in 10-foot lengths.

Edwards' Galvanized Steel Tanks

Manufactured from our own special brand of galvanized steel and reinforced top and bottom by heavy steel angle rims, thoroughly riveted and soldered and will last a lifetime.

More sanitary than wood tanks, keeps water fresh, pure and clean.

We show here a few of the many styles we make. Send us your requirements and let us quote you rock bottom prices delivered to your railroad station.

Round End Stock Watering and Storage Tanks

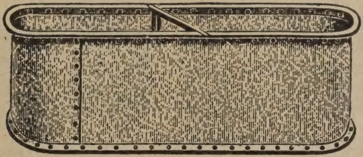


Fig. 670

Made in sizes, width 2 to 6 feet, height 2 to 5 feet, length 4 to 10 feet, capacity 3¾ up to 70 barrels.

Round Stock Watering and Small Storage Tanks

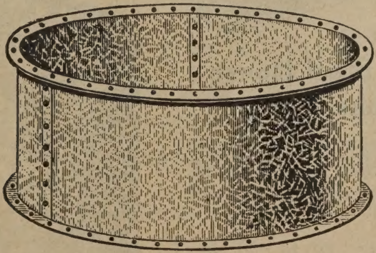


Fig. 671

Sizes, diameter 3 to 12 feet, height 2 to 8 feet, capacity 3½ to 67½ barrels.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

Oval and Half Round Galvanized Steel Troughs

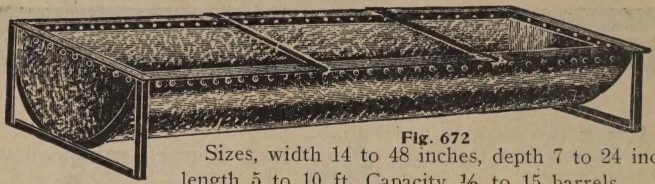


Fig. 672

Sizes, width 14 to 48 inches, depth 7 to 24 inches, length 5 to 10 ft. Capacity ½ to 15 barrels.

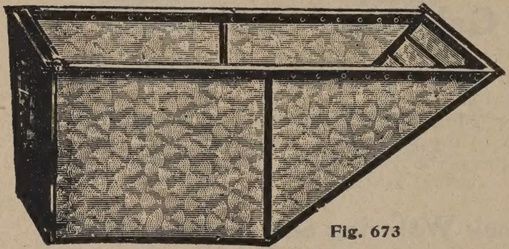


Fig. 673

Stock Dipping Tanks

With roller on one end for sliding sheep into tank.

Size, 8 ft. long by 22 in. wide on top, 4 ft. long by 6 in. wide on bottom, height 4 ft.

Handy Farm Tank

No farm should be without one or more of these tanks. Are made strong and durable and can be used for a variety of purposes.

Size, 5 ft. x 24 in. x 15 in. deep. Prices on application.

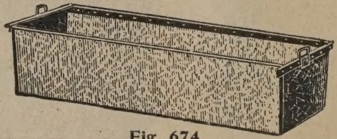


Fig. 674

Half Round Water Troughs

Made in any length and for all kinds of stock.

Size, width 18 to 24 in., depth 9 to 18 in.

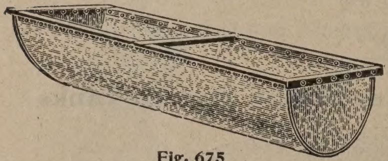


Fig. 675

Galvanized Steel House Tanks

Sides and bottom double seamed and all seams locked and soldered. Made extra heavy and strong, will last forever.

Sizes, diameter 20 to 36 in., height 20 to 48 in., capacity 27 to 211 gals.

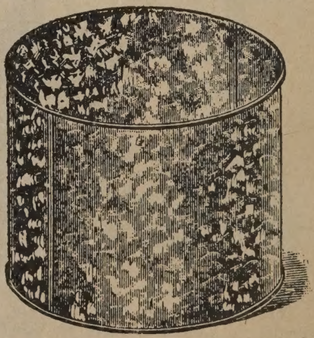
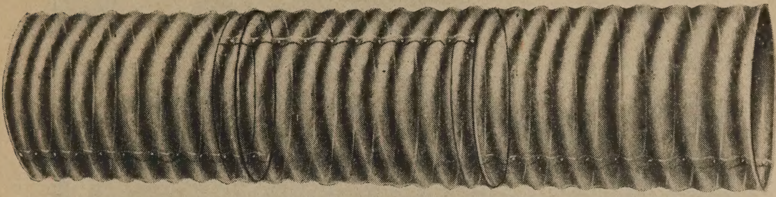


Fig. 676

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

Edwards Corrugated Galvanized Culverts



In the above illustration is clearly shown the Edwards method of contruction. Note the end corrugation of one section laps over and fits into the end corrugation of the connecting section, thereby giving a lap of one full corrugation and making it doubly strong at the point of joining the sections. The Corrugations are from ⅛ to ¼ inch deeper than those of other manufacturers, giving the Edwards Culverts a load-carrying capacity thirty-five times greater than plain tube Culverts (without corrugations.) This is accomplished without scaling or in any way impairing the galvanized coating thereon. The galvanized sheets used in the manufacture of Edwards Culverts are carefully selected and inspected, an experience covering a period of over thirty years enables us to select for the manufacture of Edwards Culverts a galvanized sheet which has outlasted all others by actual test in direct contact with the soil.

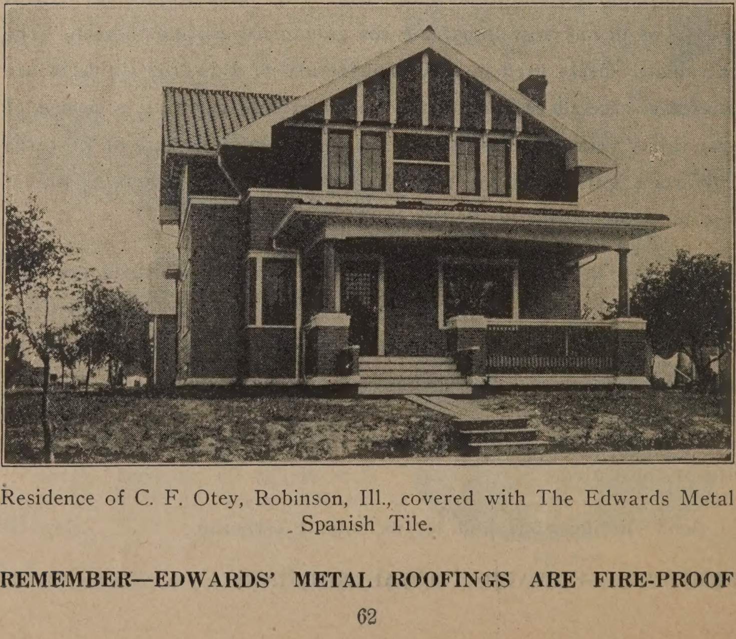
All sheared edges and rivet heads on Edwards Culverts are protected with our special Metallic paint, this will prevent corrosion and we advise all users of Culverts to cover the outer surface with at least one coat of **Edwards Special Metallic Paint.**

It can be done at small expense and will add many years to the life of the Culvert.

Send specifications and let us submit estimate.

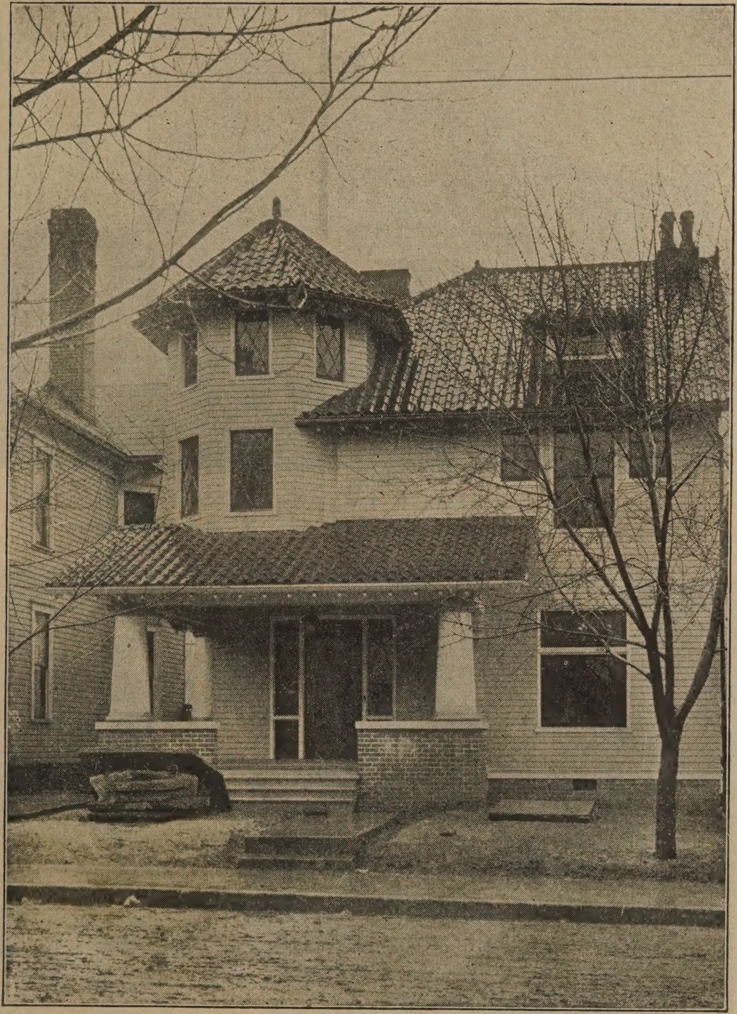
REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

Residence at Lincoln, Neb., C. R. Lehrack, Architect, erected by Lincoln Stone & Supply Co., roofed with The Edwards Metal Spanish Tile.



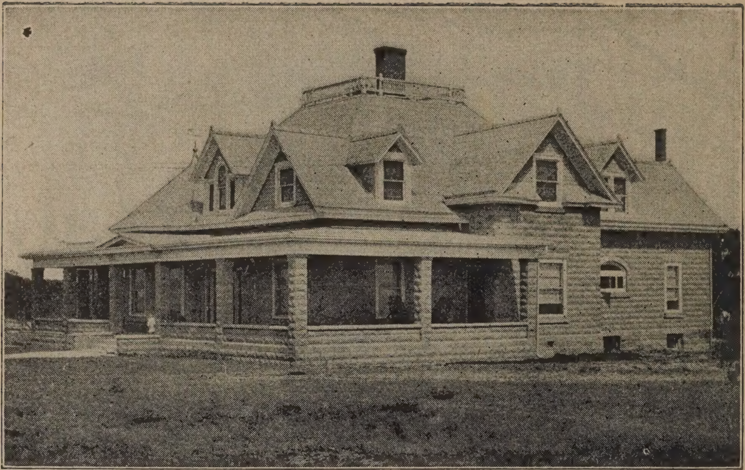
Residence of C. F. Otey, Robinson, Ill., covered with The Edwards Metal Spanish Tile.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF



Residence at Clarksburg, W. Va., covered with The Edwards Metal Spanish Tile, by Dawson Roofing Co., Clarksburg, W. Va.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF



"Vista Concho," home of John P. Lee, prop. Leedale Stock Farm, San Angelo, Texas, covered with The Edwards Metal Shingles.

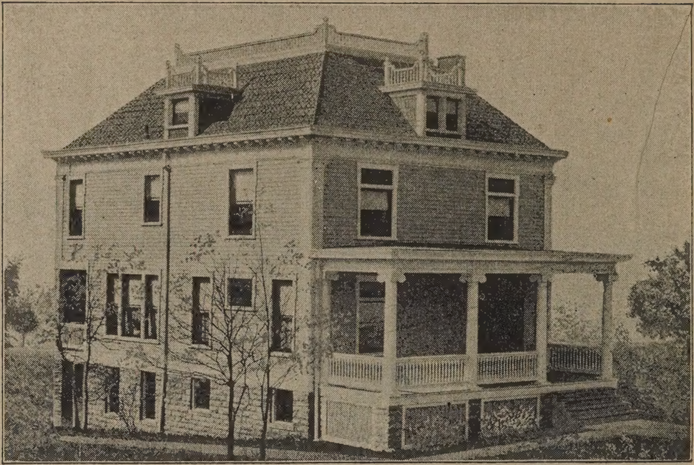
Residence of Mrs. Gibson, Hendersonville, N. C., covered with The Edwards Metal Shingles.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

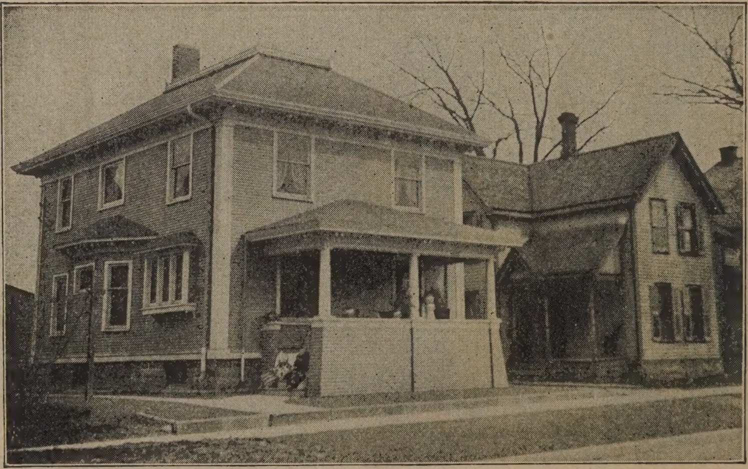
Residence of E. M. Waddle, Assistant Cashier, First National Bank, Somerset, Ky., covered with The Edwards Metal Shingles.

Residence of Mrs. Hurt, Hendersonville, N. C., covered with The Edwards Metal Shingles.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF



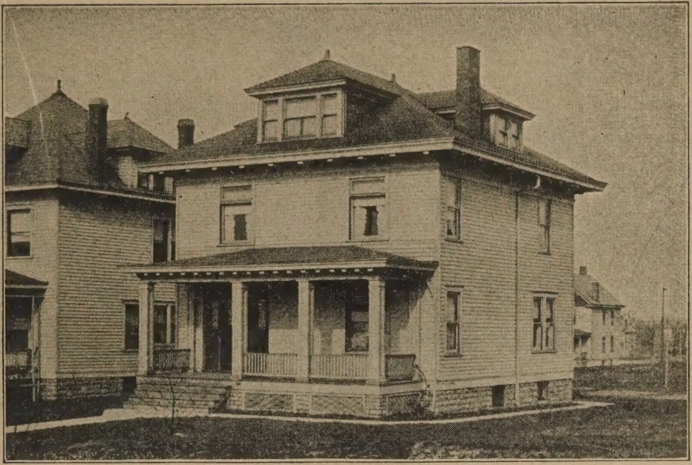
Residence of Mr. Geo. R. Edwards, Cincinnati, Ohio, covered with The Edwards "Metal Slate," a perfect water, wind, fire and lightning proof roof covering.



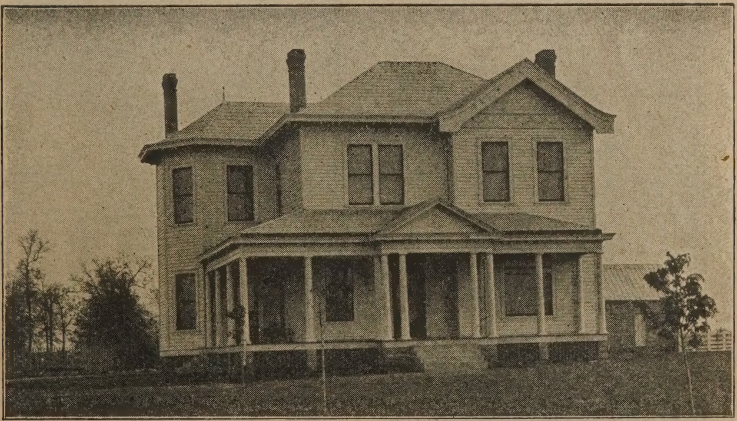
Residence of Chas. W. Blake, Kalamazoo, Mich., covered with The Edwards Metal Shingles, Roof Cresting, Cornice, etc.

Note contrast between A METAL SHINGLE ROOF and the wood shingle roof shown on the right in picture.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF



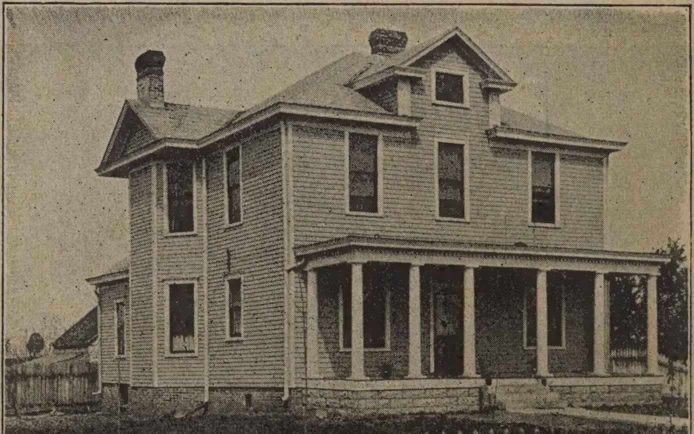
Residence of O. S. Larkby, South Norwood, Ohio, covered with Edwards Rookwood Metal Shingles.



Residence of R. H. Kitrell, Murfreesboro, Tenn., covered with The Edwards Metal Shingles.

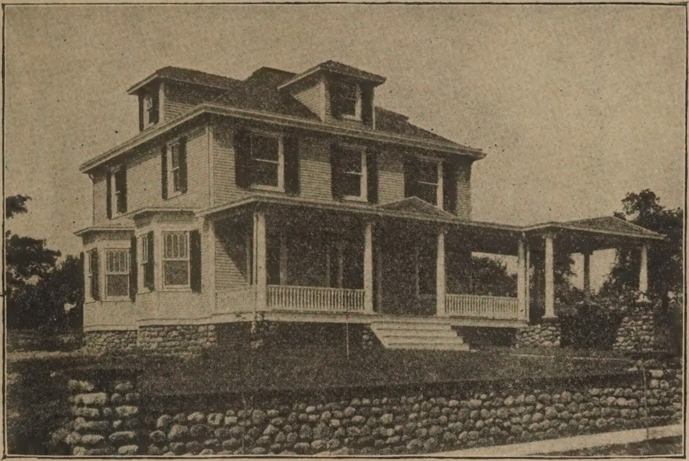
REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

Residence of Brownlow Jackson, Hendersonville, N. C., covered with The Edwards Metal Shingles.

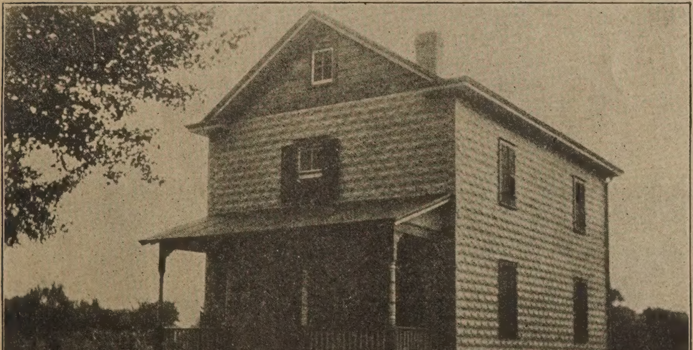


Residence of W. E. Hudson, Murfreesboro, Tenn., covered with The Edwards Metal Shingles.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF



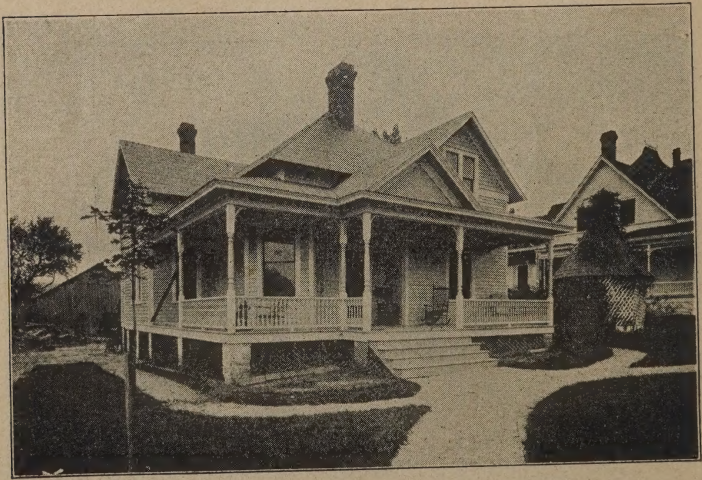
Residence of Raymond Drake, Nanuet, N. Y., covered with The Edwards Metal Shingles.



Residence of Daniel M. Finger, Saugerties, N. Y., covered with "Reo" Steel Shingles and Rock-Face Stone Siding.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

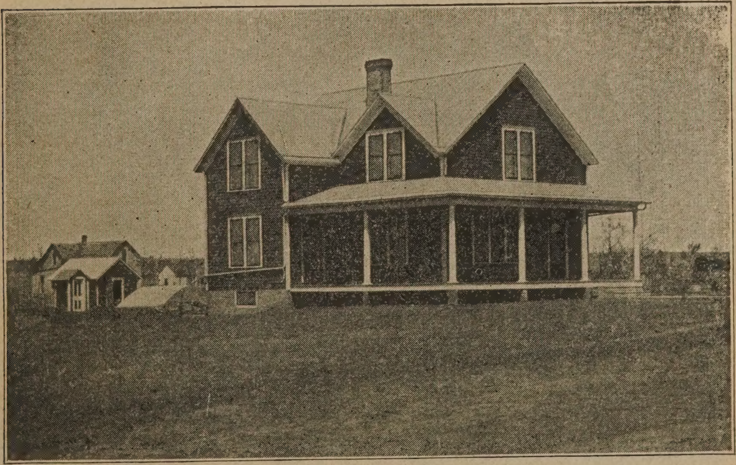
Residence of R. M. Phillipi, Burnside, Ky., covered with The Edwards Metal Shingles.



Residence of G. W. Brooks, Hendersonville, N. C., covered with The Edwards Metal Shingles.

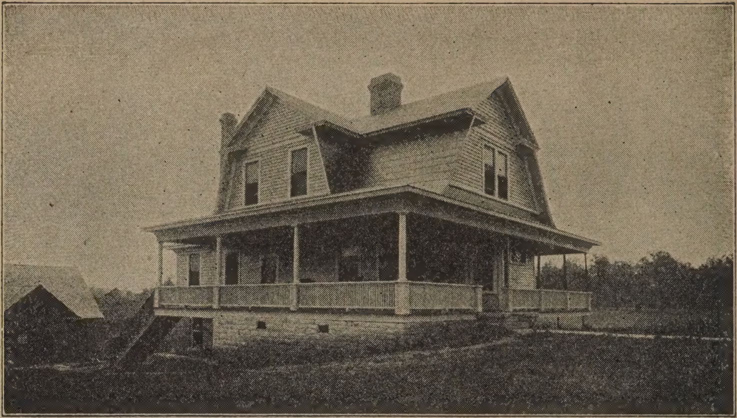
REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

Residence of D. N. Reese, Cynthiana, Ky., covered with The Edwards Metal Shingles.



Residence of Frank V. Illingworth, Medicine Lodge, Kansas, covered with Edwards Reo Steel Shingles.

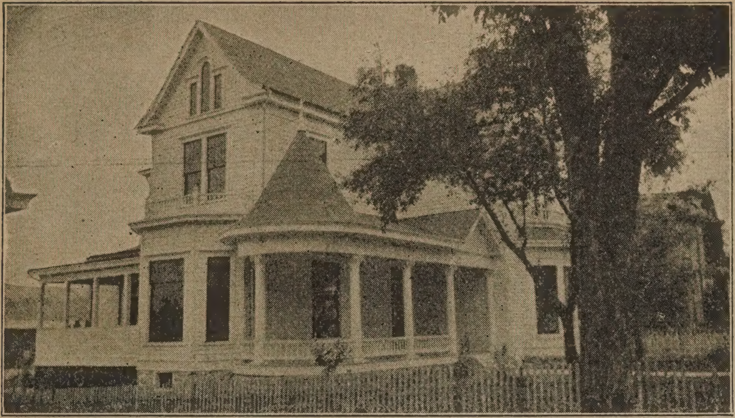
REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF



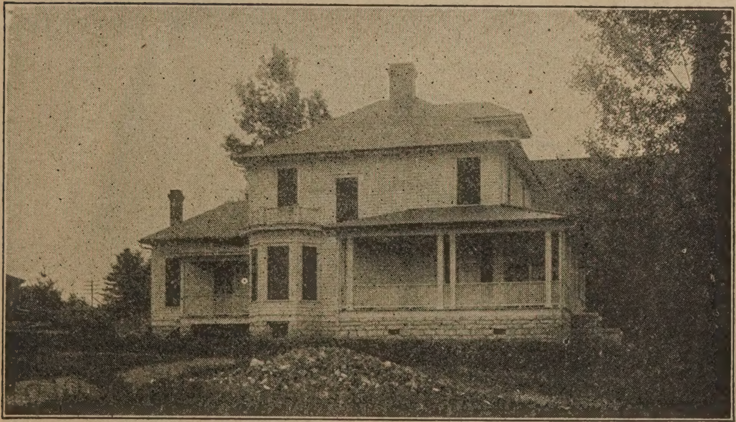
Residence of Henry Jordan, Hendersonville, N. C., covered with Edwards Metal Shingles.

Residence of G. F. Jones, Big Stone Gap, Va., covered with Edwards Metal Shingles.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

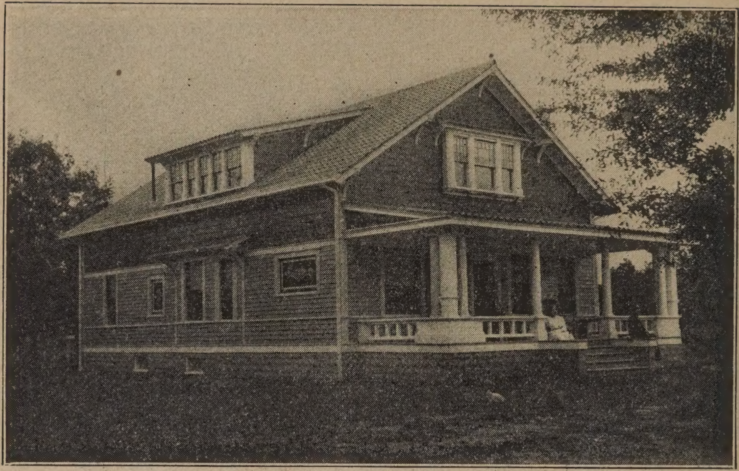


Residence of Wm. Converse, Somerset, Ky., covered with Edwards Metal Shingles.

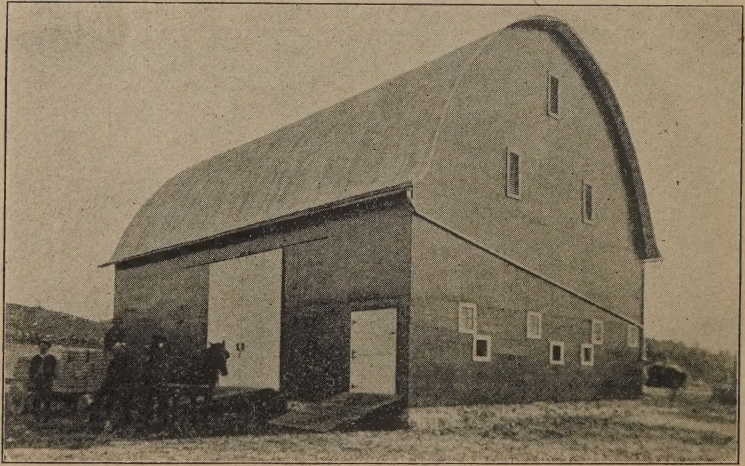


Residence of A. Ficker, Hendersonville, N. C., covered with The Edwards Metal Shingles.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF



Bungalow of W. D. Randall, Montrose, Ala., outside covered with Edwards Metal Roofing and Siding, inside with Metal Ceilings and Side Walls.



Barn of H. Beutler, Weidman, Mich., covered with "Reo" Steel Shingles.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

MONTROSE, ALA., April 15, 1911.

THE EDWARDS MFG. CO., Cincinnati, O.

Gentlemen—I am mailing you under separate cover a photo of my bungalow. I am greatly pleased with the Metal Spanish Tile roofing I purchased from you, and believe it to be one of the best and most durable roofings on the market, as well as the most beautiful. You will notice on the photo I have used the Spanish Tile on roof and the Princess Cluster Shingles for weather boarding down to the belting above the windows. The walls and ceiling in the entire building are covered with your Metal Ceilings and Side Walls, making the house nearly fireproof

I have a small Power house in the rear also covered with Spanish Tile roofing

Yours truly,

W. D. RANDALL.

SPERRY, IOWA, April 19, 1911.

THE EDWARDS MFG. CO., Cincinnati, O.

Gentlemen—Edwards Metal Roofing and Siding, is certainly allright on the house that I built for Mr. Myers of this city last summer, I used Fig. 364 Reo Galvanized Steel Shingles, and just after it was completed it was struck by lightning without any damage being done. Mr. Myers stated that if he had any other kind of roofing on at the time, they would have all been killed. The interior of this house is also covered with your Metal Ceilings and Side Walls.

I am very sorry that I have no photograph to send you, as the house certainly looks fine.

Yours truly,

W. W. JACKSON.

DECATUR, BENTON CO., ARK., April 20, 1911.

THE EDWARDS MFG. CO., Cincinnati, O.

Gentlemen—The "Reo" Steel Shingles which I purchased from you are allright and make a nice roof. There is less danger of fire by using this roofing, and I find I can get insurance much cheaper. If my old roof would have been on a short time back, the chances are my house would have burned down, as one of the flues caught fire and the flames were all over the roof, but as I had "Reo" Shingles on it, there was no harm done.

I cannot say too much for your material.

Yours very truly,

L. B. SITTON,
R. F. D. No. 2, Box 15.

BROOKSVILLE, FLA., April 16, 1911.

THE EDWARDS MFG. CO., Cincinnati, O.

Gentlemen—I am enclosing you herewith, the photo of one of my houses covered with your Reo Cluster Steel Shingles. I have covered so far three houses for myself with this material, and can say it is giving me perfect satisfaction in every way. When you cover your house with the Edwards Metal Roofing after it is furnished you will say I have done the right thing.

Yours truly,

H. E. BRACEY.

OVIEDO, FLA., April 15, 1911.

THE EDWARDS MFG. CO., Cincinnati, O.

Gentlemen—Under separate cover I am sending a photo of my house, my irrigating plant, barn, hennery and packing house, all covered with your different roofings, and in this climate they are far superior to wood shingles and composition roofings, and carry a much lower rate of insurance. Several of my neighbors since figuring first cost and years of wear are using more metal for roofs each year.

Yours very truly,

O. G. WOLCOTT.

FRISCO, ARK., March 27, 1911.

THE EDWARDS MFG. CO., Cincinnati, O.

Gentlemen—I am very well pleased with the roofing I bought of you, a year or more ago. I covered my house with "Reo" Shingles, and they certainly are very attractive. I expect to send an order this fall for Imitation Stone for the Sides of my house, and will send you a photo when the building is completed.

Will be glad to recommend your roofing to all of my neighbors and friends.

Yours truly,

W. J. PEGG.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

SCARVILLE, IOWA., April 25, 1911.

THE EDWARDS MFG. CO., Cincinnati, O.

Gentlemen—The Steel Roofing I bought from you some time ago, is all O. K. I got Steel Roofing on two buildings and one building is all Steel Roofing on two buildings and one building is all Steel Roofing and Siding size 34 x 30 feet. This last building is for farm machinery, and would say there is nothing better for this purpose, cost good deal less than lumber.

Yours truly,

C. C. Engebretson.

CAIRO, ILL., April 25, 1911.

THE EDWARDS MFG. CO., Cincinnati, O.

Gentlemen—In regard to the roofing purchased from you somet ime ago, I cannot speak too highly of same. As we finished putting on the last sheet of roofing it started to rain, and I never saw it rain harder; it just poured down, but the roof did not leak a drop, to say I was pleased, well that is putting it mild. The roof is allright just as you represent it.

I am very sorry I have not a photo of the house to send you.

Yours truly,

H. C. LENTZ.
624 W. 15th. St.

LARSEN, WISC., Sept. 22nd., 1910.

THE EDWARDS MFG. CO., Cincinnati, O.

Gentlemen—I received the roofing from you allright, I am well satisfied, it is the best roofing for a house. The rain water is nice and clear for the washing. I will recommend it to others.

I do not need any more roofing this fall but shall certainly favor you whenever the opportunity presents itself.

Yours truly,

C. F. Luedtke,
R. No. 14, Box 44.

AREDALE, IOWA, April 29th, 1911.

THE EDWARDS MFG. CO., Cincinnati, O.

Gentlemen—I am very well satisfied with the Corrugated 1¼ Galvanized roofing received last year, it makes a fine looking roof.

The roofing covers a machine shed 28 x 40, I put it on without any assistance in little more than a half day. I used your never rust nails and lead washers.

Jas. A. Watterson,

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

Clinton, Ind., April 29, 1911.

The Edwards Mfg. Co., Cincinnati, O.

Gentlemen—The roof we purchased of you was put on last October, and owing to the loss of the nails and washers in transit the roof was nailed just enough to hold the sheets in place until more nails and washers could be obtained. With cold weather and pressure of other work, the nailing has not been done yet; but will be done Monday. We have had some very hard driving rains and high winds, with all the rough weather there has been no leaks in the seams, but we would advise anyone buying roofing to buy galvanized roofing.

Yours truly,
White Bros.

Fort Montgomery, N. Y., April 25th. 1911.

The Edwards Mfg. Co., Cincinnati, O.

Gentlemen—I am well pleased with the "Reo" Shingles I bought of you four years ago, I have not painted them yet and they are now as bright as the day I put them on.

Respectfully yours,
David C. Rose.

Laconia, N. H., Nov. 30th., 1910.

The Edwards Mfg. Co., Cincinnati, O.

Dear Sirs—I will say we had a big snow storm yesterday and last night, and this morning the roof is practically all clear which on the other buildings around me are all snow. Valley's are the same. Will say I am more than satisfied with all that I have put on and am sure that I shall never use any but Reo Steel Shingles for my roof again.

Yours respectfully,
E. W. Hackett,
108 Academy St.,
Laconia, N. H.

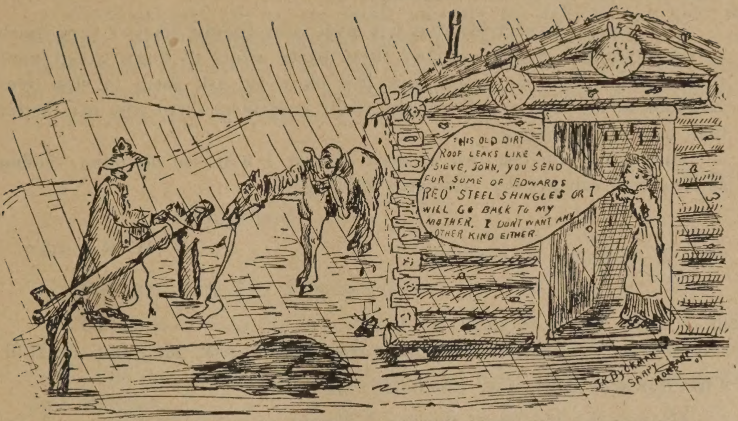
Graysville, Ohio, Oct. 24th., 1910.

The Edwards Mfg. Co., Cincinnati, O.

Gentlemen—Some time ago I purchased a Reo Steel Cluster Shingle Roof for my house from you. I like your "Reo" Steel Cluster Shingles so well that I am trying to induce others to try them. A few of the things that I like about Edwards Reo Cluster Shingles are: No vibration or rattle during windy weather, no nails exposed to rust, no anchors to pull loose, easily laid and last but not least a most beautiful roof.

Yours very truly,
J. Willie Beardmore.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF


THIS OLD DIRT ROOF LEAKS LIKE A SIEVE, JOHN, YOU SEND FOR SOME OF EDWARDS "REO" STEEL SHINGLES OR I WILL GO BACK TO MY MOTHER. I DONT WANT ANY OTHER KIND EITHER.
J.K. DYCKMAN SARPY MONTANA '09

The above illustration drawn on the back of a postal card, accompanied by the following letter, was received in answer to our advertisement of Metal Shingles which appeared in a recent magazine.

The lady evidently realizes that the only Roofing that is satisfactory in every way and that will withstand the elements is Edwards "Reo" Steel Shingles, and she is right in insisting upon having same.

Sarpy, Mont., November 14th, 1909.

The Edwards Mfg. Co., Cincinnati, O.

Gentlemen—Seeing your advertisement and needing roofing of some good kind in this country, I ask if you will please send me one of your free catalogs showing your complete line of Metal Roofing and Steel Shingles.

The postal card which is herewith enclosed will represent to you what we are up against out in this country.

Hoping to receive your catalog and prices soon, I remain

Yours truly.

Chas. Dyckman,

Sarpy, Montana.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

DeRidder, La., Sept. 6, 1910.

The Edwards Mfg. Co., Cincinnati, O.

Gentlemen—Everybody that has seen your roofing likes it very much as for myself, if anyone around these parts wants to know about your roofing refer them to me if they live close by, ask them to step over and look at my roof and I will cheerfully explain to them why it is better than any other roofing.

One thing you can rest assured of that I will use no other roofing as long as I can get the "Edwards Roofing."

Yours truly,

J. M. Reichley.

Forest Hill, Harford County, Md., Jan. 15, 1910.

The Edwards Mfg. Co., Cincinnati, O.

Gentlemen—The Steel Roofing I bought of you some time ago I am glad to state is O· K. We used same on both wagon houses and part of dwelling house, it has never leaked a drop and is perfectly snow proof. As the past two months have been the worst in years as to snow and rain accompanied by driving winds. The roofing we used was Reo Cluster galvanized Fig. 364, and Corrugated Fig. 25 galvanized. I can safely recommend it to any one wishing a first class roof in every respect.

Respectfully,

A. J· Street, Prop.

Buff Orphington Poultry Farm.

Baton Rouge, La., 601 Convention St., Oct. 31, 1909.

The Edwards Mfg. Co., Cincinnati, O.

Gentlemen—I thank you so much for your prompt attention to my small order. I never expected you to ship same so quickly, I now enclose money order for same I want to compliment you on the way your shingles stayed on the roof of my large country home through the worst storm that has ever passed over Louisiana, roof is intact and no leaks.

I really believe you have the very best all around roofing on the market·

Respectfully,

James Price.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

BIG STONE GAP, VA.

THE EDWARDS MFG. CO., Cincinnati, O.

Gentlemen—It affords me much pleasure to state to you that the Edwards Metal Shingles bought from you about three years ago are giving entire satisfaction, and I can recommend these shingles to anyone in the market for roofing. I believe them to be the best Metal Shingles manufactured for the price in the world.

Yours truly,

G. F. JONES.

CYNTHIANA, KY., May 29, 1909.

THE EDWARDS MFG. CO., Cincinnati, O.

Gentlemen—I used the Edwards Metal Shingles on my house in 1906. They have given me perfect satisfaction. The roof looks like new all the time. The only thing I would say that you don't claim half enough for your shingles.

Respectfully,

J. T. McCAULEY.

MURFREESBORO, TENN., May 28, 1909

THE EDWARDS MFG. CO., Cincinnati, O.

Gentlemen—In October, 1906, I covered my new residence with Edwards Galvanized Shingles. Have never had a leak. Shingles are entirely satisfactory and I never expect to have to put on another roof on this house in my day and generation.

Yours very truly,

W. E. HUDSON.

CYNTHIANA, KY., May 29, 1909.

THE EDWARDS MFG. CO., Cincinnati, O.

Gents—My residence was covered with the Edwards Metal Shingle over two years ago and the roof has given perfect satisfaction, and do not hesitate to say that whoever uses these shingles will have a roof that will not leak and one that will last as long as any shingle I have ever seen used in this town.

D. N. REES.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

Burnside, Ky., May 29, 1909.

The Edwards Mfg. Co., Cincinnati, O.

Gentlemen—I had my residence covered with your metallic shingles about three years ago. It is giving perfect satisfaction in every respect. The covering is in as good condition now as when it was first put on.

Yours truly,
R. M. Phillippi.

Allendale, S. C., May 10, 1909.

The Edwards Mfg. Co., Cincinnati, O.

Gentlemen—I am sending you photo of buildings erected by me in Allendate, S. C., on which I used Edwards Metal Shingles for roof. I find it to be a perfect roof in every way and can highly recommend it as such.

Hoping this may be of some service to you, I beg to remain,

Yours very truly,
W. E. Critcher.

Big Stone Gap, Va., June 5, 1909.

The Edwards Mfg. Co., Cincinnati, O.

Gentlemen—I have used the Edwards Metal Shingles on my residence and considered them superior to any other shingles. I am well pleased with them.

My house has increased in value since your shingles were put on, and several of my neighbors have said they will use your shingles.

Yours truly,
Jas. W. Kennedy.

The Edwards Mfg. Co., Cincinnati, O.

Gentlemen—I am sending you under separate cover, photo of home on which I used your Metal Shingles, Crestings, Cornice, etc.

Everything ordered from you for this house has proven entirely satisfactory, and at a considerable saving over ordinary shingle roofing.

My insurance rate was nearly 20 percent cheaper than it would have been with shingle roof. I can heartily recommend the use of your Metal Roofing to anyone needing economical, easily applied roofing materials, giving very beautiful and showy effects. My wife says not the least advantage is the water which comes from the roof free from color and sediment, as clear as the purest holly or well water.

Yours respectfully,
Chas. W. Blake,
1007 So. Park St.
Kalamazoo, Mich.

April 29, 1907.

Robinson, Ill., June 1st, 1909.

Gentlemen—I wish to report to you that your Spanish Metal Tiles shipped to me Nov., 1908, and I found them more than satisfactory in every way. Permit me to further say that I had no trouble in laying the same in place with carpenters. Yours respectfully,

C. F. Otey.

.. Medicine Lodge, Kans., June 11, 1909.

Gentlemen—Replying to your favor of the 9th, I can say that I am very well pleased with the "Reo Steel Cluster Shingles" on my house, which I consider far superior to Wood Shingles both for looks and wearing qualities. I shall certainly recommend your roofing to any one wishing a good looking and durable roof.

I shall be glad to send photograph of house.

Frank V. Illingworth.

Salem, Iowa, Aug 13, 1910.

The Edwards Mfg. Co., Cincinnati, O.

Gentlemen—As to how we like your roofing, we believe it is allright. The snow lay in the valleys 3 feet deep all winter, freezing and thawing, and the roof did not leak or show any signs of rusting. Another thing, we threw the pieces we cut off the sheets in the valleys, on the ground, and they have laid there in the dirt and wet for nearly a year; we needed a few more courses of shingles to finish the tower and we picked those pieces up, wiped the dirt off, and cut them in strips the length of the shingles and used them on the back of tower, as it does not show. There was not the least particle of rust showed on those pieces, so I guess the roofing will stand the weather on the roof of the church allright.

Respectfully,

F. K. Frost.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

D. C. Bauter, Clear View Farm, Box 196.

Avoca, N. Y., Aug. 22, 1910.

Dear Sirs—In reply to your letter of recent date would say that my building that I covered with your Galvanized Roofing was a carriage house, it has been on one year and I consider it the best roofing that I have on any of my buildings, and I have different kinds of felt and different kinds of steel and shingle roofings. I expect to roof a large barn next summer and I certainly shall use the galvanized roofing.

Yours truly,

D. C. Bauter,

R. D. No. 3, Avoca, N. Y.

Marshall, Minn., Aug. 17, 1910

The Edwards Mfg. Co., Cincinnati, O.

Gentlemen—I haven't any photo of my building at present, but will have one taken and send it to you. I am well pleased with the Galvanized Roofing I got from you and it is all that you claimed for it. My barn is 48 x 52 feet and covered with your Galvanized Steel Roofing and it certainly looks fine since I have the rest of the barn all painted red, trimmed in white, and with the Ganvanized Roof makes a great show. Several of my neighbors talk of sending for your roofing.

Yours truly,

O. A. Killius.

Saugerties., Aug. 29, 1910.

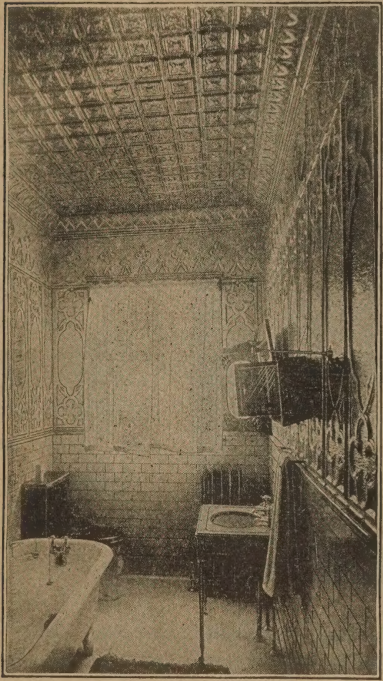
Gentlemen—I am sending you a photograph of the house I built with your "Reo" Steel Cluster Shingles and Rock-Face Stone Siding, making practically a fire-proof house. I am well pleased with both the Roofing and Siding and expect to build a couple of houses this winter and will use the same material. Three or four parties have inspected the house and no doubt you will receive orders from them also.

Yours respectfully,

Daniel N. Finger.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

Edwards Metal Ceilings and Side Walls



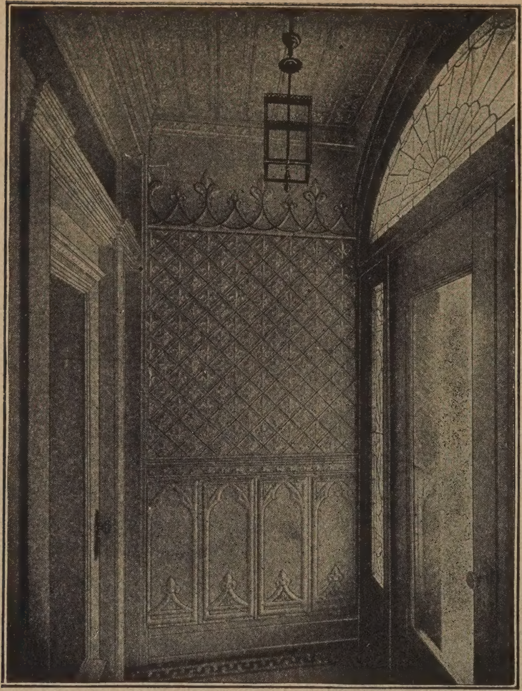
Gothic Ceiling and Side Wall Design—as applied to Bath Room

**Are Economical,
Ornamental, Sanitary,
Permanent, Fire-Proof,
Moisture Proof,
Vermin Proof**

Metal Ceilings are no longer considered a luxury, in fact they are almost a necessity. Make the house cool in summer and warm in winter—absolutely no danger from falling plaster —no repapering necessary.

Send us a rough sketch of room or rooms to be covered (use directions How to Measure) and we will prepare—without any charge to you—a detail drawing showing exactly how the ceiling will look, and forward same, together with a lump price for material delivered f. o. b. your nearest railroad station.

With every Metal Ceiling sold we furnish a complete working plan or drawing, showing the exact location of each Plate, Mold, Cornice, etc. With this plan before you the work of erecting the Ceiling is simply a matter of following straight lines, any ordinary mechanic can do the work.



In addition to being highly ornamental and attractive, The Edwards Metal Ceilings and Side Walls possess many characteristics of a decidedly utilitarian nature, which would seem quite sufficient to alone justify their slight increase in cost over lath and plaster.

Gothic Ceiling and Side Wall design—especially adapted for Reception Halls, Dining Rooms, Parlors, etc.

Closely joined so as to make them easy and economical to install, they present an almost air-tight surface, and, being incombustible, they tend to greatly protect floors and woodwork in case of fire, and have many times by preventing the spread of flames until the arrival of the fire department saved buildings from destruction. Being of light weight they reduce to a minimum the strain upon trusses and joists. They neither crack or fall as plaster is proven to do, nor shrink and dry out like wood. They do not hold disease germs or vermin and can easily be cleaned with sponge and water.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

How to Measure for Metal Ceilings

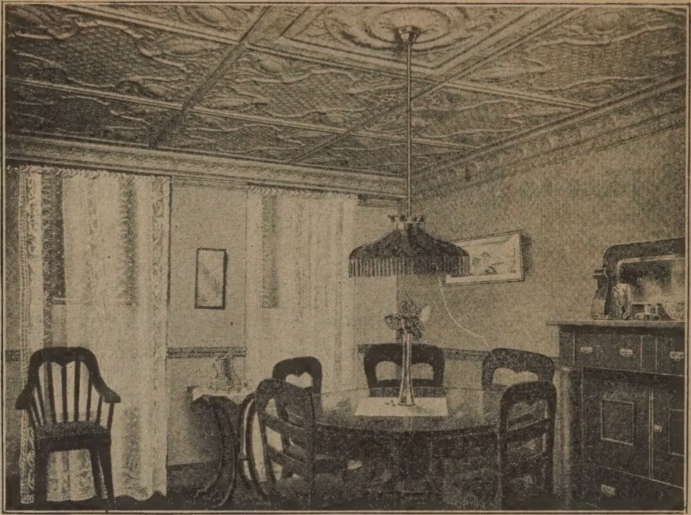
First take the actual dimensions of the room in feet and inches, then add to each dimension twice the depth of the Cornice to be used. Add to this 4 inches for variation. For example, take a room the measurements of which are 15 feet 0 inches by 39 feet 0 inches.

If your cornice extends down on the wall 12 inches, add 24 inches to each dimension, and then add 4 inches for variation to each dimension, which is tabulated as follows:

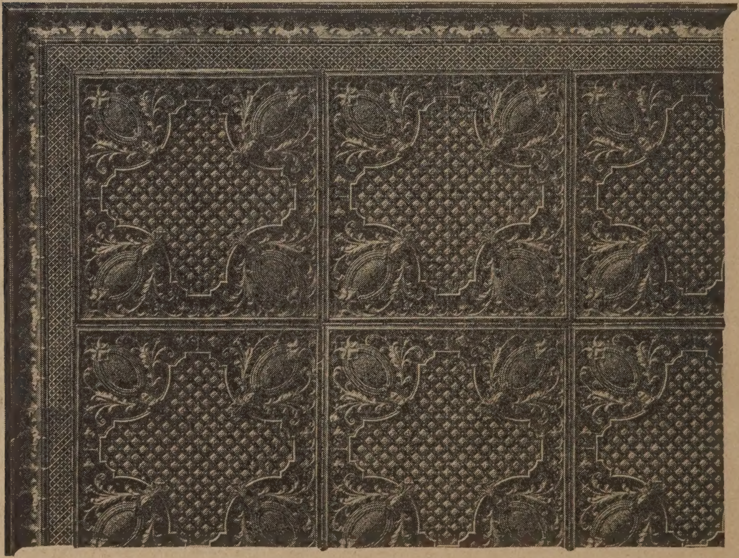
Size of room	15 ft. 0 in.	x	39 ft. 0 in.
Cornice	2 ft. 0 in.	x	2 ft. 0 in.
For variation	0 ft. 4 in.	x	0 ft. 4 in.
Total	17 ft. 4 in.	x	41 ft. 4 in.

We now have the dimensions, 17 ft. 4 in. x 41 ft. 4 in.; multiplied, gives the actual number of square feet of metal in the entire ceiling, cornice, etc., namely 716 square feet.

The deeper the cornice, the greater the cost of the material. The selection of its depth should be governed by the height of ceiling. For a room 12 feet high the depth of plate must be considered in making a selection of designs. After the selection has been made and the price agreed upon, multiply the cost of the metal by the square feet in the ceiling. To this must be added the cost of labor for erecting.

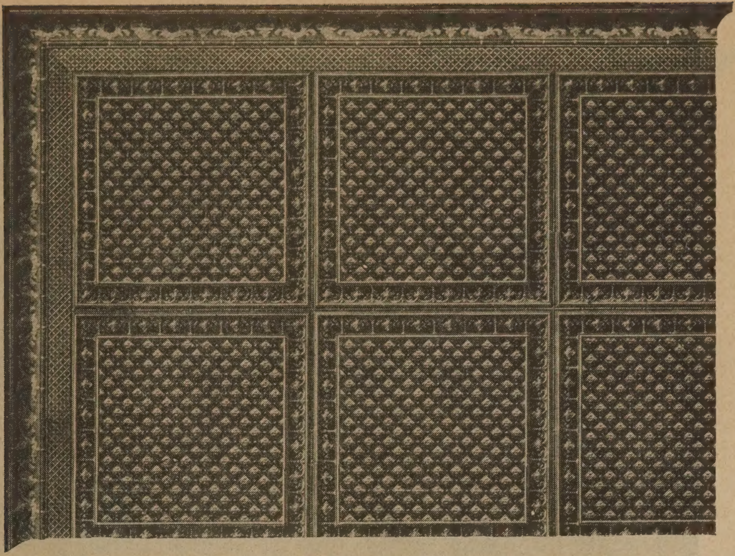


Italian Renaissance Ceiling and Side Wall Design for Dining Room, note the beautiful effect; can be used for Parlors, Reception Halls, Etc.

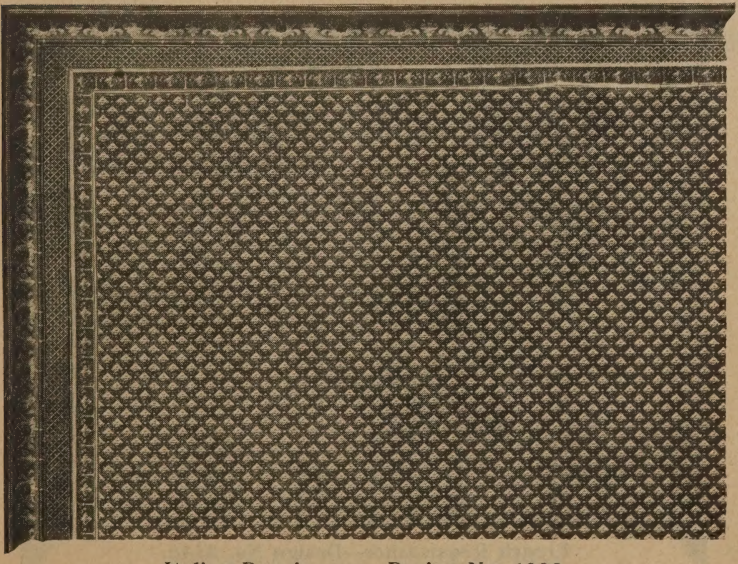


Italian Renaissance—Design No. 2000.
Net price per square foot, see Price List.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

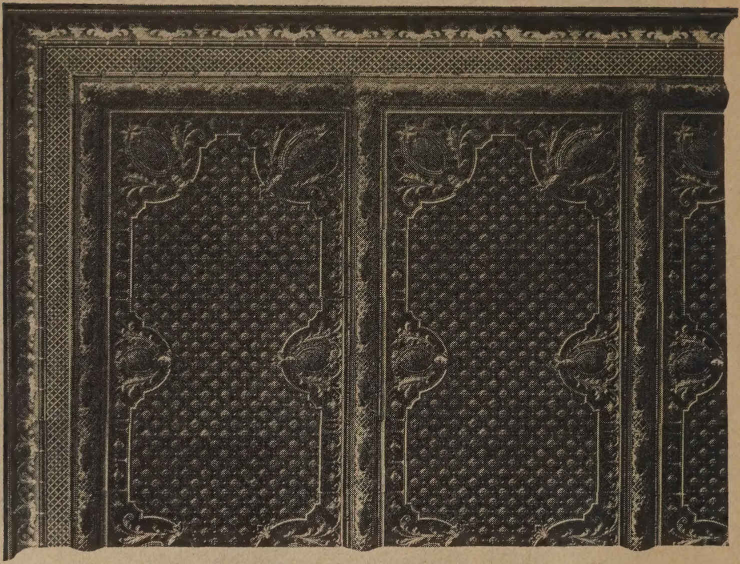


Italian Renaissance—Design No. 1999.
Net price per square foot, see Price List.

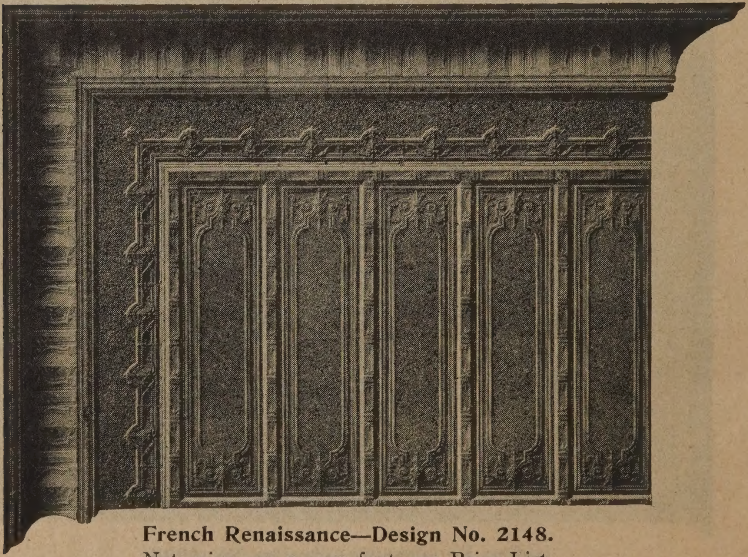


Italian Renaissance—Design No. 1998.
Net price per square foot, see Price List.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

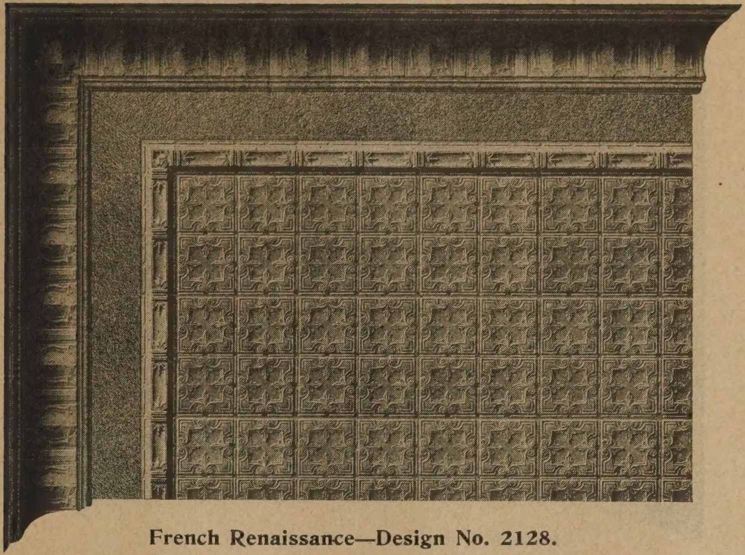


Italian Renaissance—Design No. 2004.
Net price per square foot, see Price List.

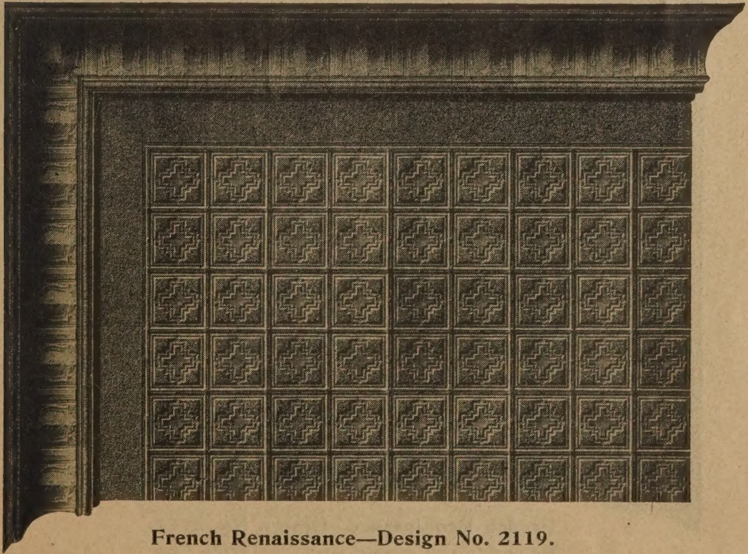


French Renaissance—Design No. 2148.
Net price per square foot, see Price List.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

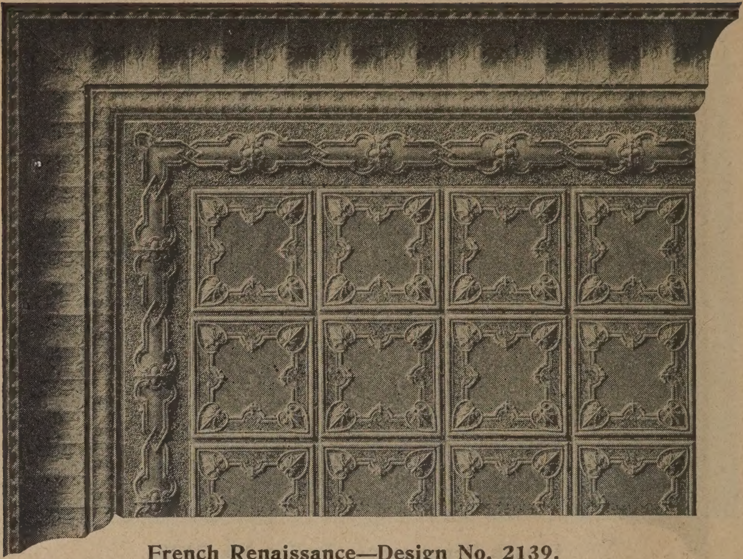


French Renaissance—Design No. 2128.
Net price per square foot, see Price List.

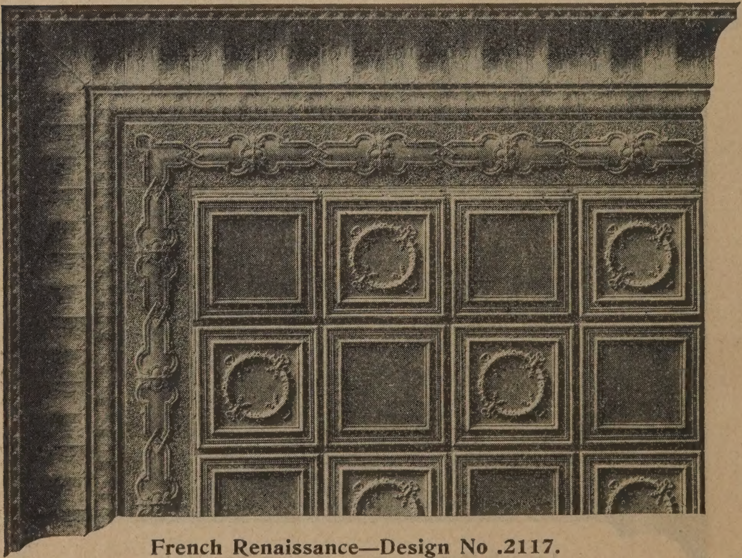


French Renaissance—Design No. 2119.
Net price per square foot, see Price List.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

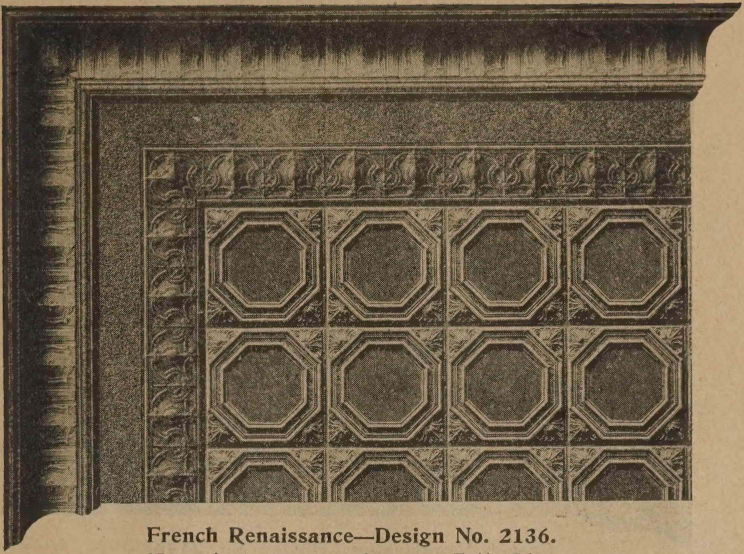


French Renaissance—Design No. 2139.
Net price per square foot, see Price List.

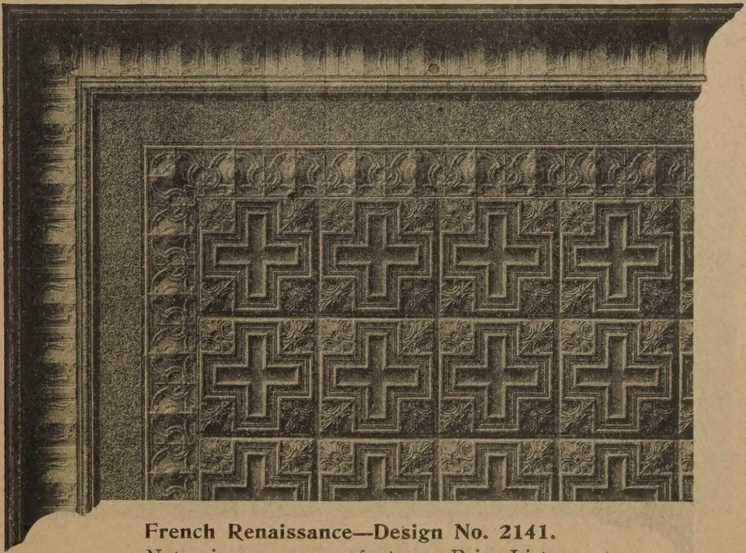


French Renaissance—Design No .2117.
Net price per square foot, see Price List.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

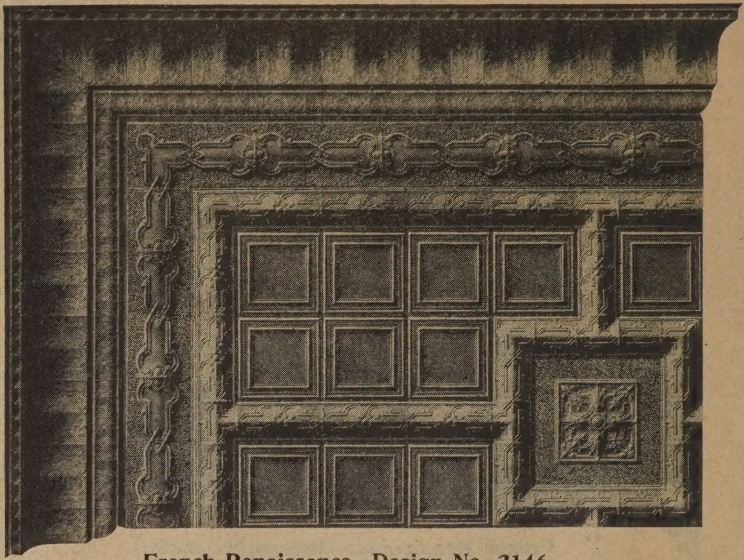


French Renaissance—Design No. 2136.
Net price per square foot, see Price List.

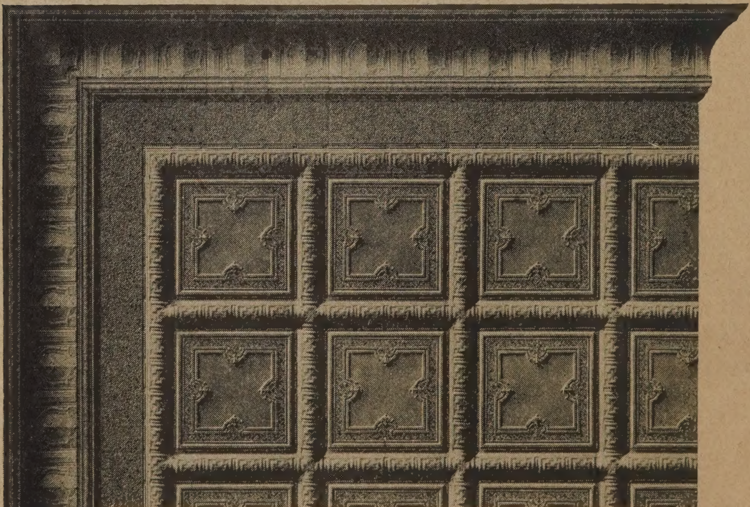


French Renaissance—Design No. 2141.
Net price per square foot, see Price List.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF



French Renaissance—Design No. 2146.
Net price per square foot, see Price List.



French Renaissance—Design No. 2150.
Net price per square foot, see Price List.

REMEMBER—EDWARDS' METAL ROOFINGS ARE FIRE-PROOF

BEADED SIDING AND CEILING

Made From the Best Quality Sheet Steel.

Fig. 32

Shows sheet of Beaded Siding and Ceiling. Sheets when beaded cover 24 inches from center to center of outside beads, and can be furnished any length up to 10 feet. The beads are small corrugations, ⅜ inches wide by ⅛ inch deep and 3 inches from center to center.

This style of Ceiling is very desirable in stores, churches, warehouses, factories, engine rooms, boiler rooms, public halls, paper mills, glass factories, etc.

No special tools required. The sheet should be lapped one or two inches at ends, and over one bead at side. Can be applied perpendicularly or horizontally (as preferred) to boards, studding or joists placed the proper distance apart, or put on over old plaster. Purchasers can paint it any desired color. Regular length sheets, 6, 7, 8, 9 and 10 feet. We always ship sheets 8 feet long unless otherwise ordered. One square consists of 6¼ sheets, 24 x 96, or its equivalent, and will lay one square, less the lap at the ends of the sheets.

ORNAMENTAL CEILING OR SIDING

Used Largely for Ceiling, Siding and Wainscoating.

Made From Best Quality Steel Sheets, Painted on Both Sides with One Coat Best White Lead Paint, Ground in Pure Linseed Oil.

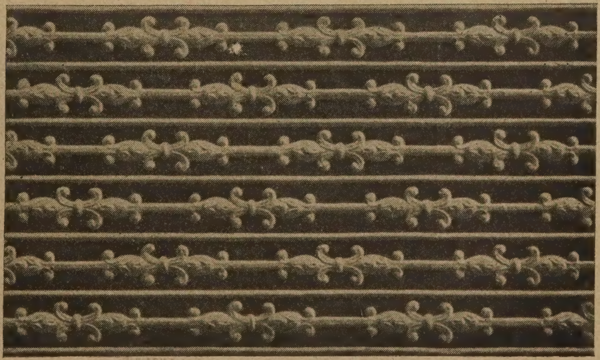


Fig. 1690

Ornamental Ceiling or Siding

Sheets will cover 24 inches wide. Regular length sheets, 4 and 8 feet. We always ship sheets 8 ft. long unless otherwise ordered. One square consists of 6¼ sheets 24x96, or its equivalent, and will lay one square (100 square ft.) less the lap at the end of the sheets.

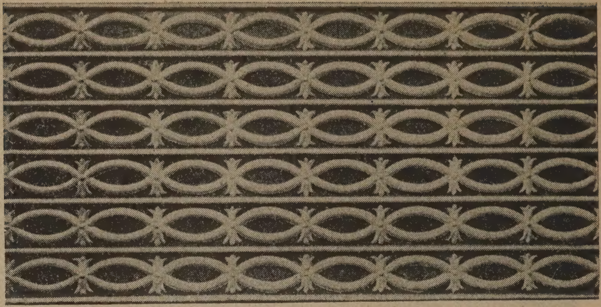


Fig. 1623

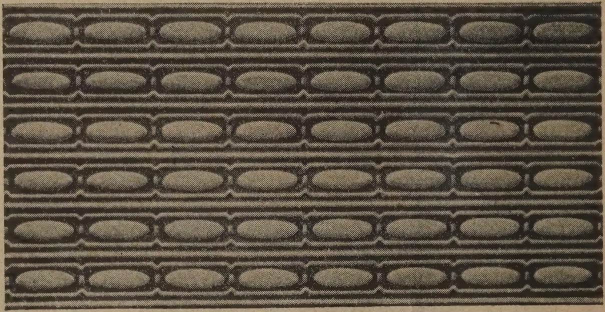


Fig. 1612

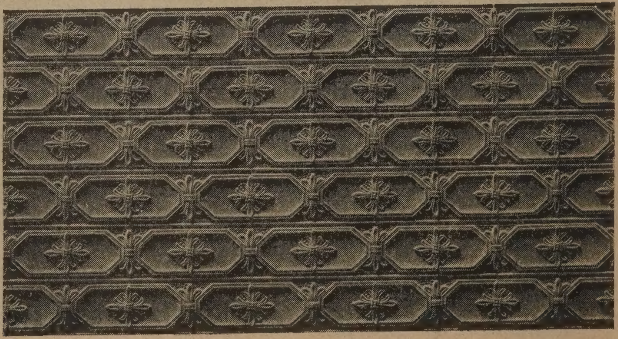


Fig. 1797

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